

```

### Status: Path 1 of [Dialog Information Services via Modem] ..
### Status: Initializing TCP/IP using (UseTelnetProto 1 ServiceID pto-dialog)
Trying 3106900061...Open

DIALOG INFORMATION SERVICES
PLEASE LOGON:
***** HHHHHHHH SSSSSSSS?
### Status: Signing onto Dialog
*****
ENTER PASSWORD:
***** HHHHHHHH SSSSSSSS? *****
Welcome to DIALOG
### Status: Connected

```

Dialog level 00.12.12D

```

Last logoff: 20may01 09:19:13
Logon file001 20may01 09:30:40
KWIC is set to 50.
HILIGHT set on as '*'
* * *

```

```

File 1:ERIC 1966-2001/May 08
(c) format only 2001 The Dialog Corporation

```

Set	Items	Description
2b 71,	5, 155, 434	
	20may01 09:30:51	User259980 Session D119.1
	\$0.42	0.119 DialUnits File1
	\$0.42	Estimated cost File1
	\$0.01	TYMNET
	\$0.43	Estimated cost this search
	\$0.43	Estimated total session cost 0.119 DialUnits

```

SYSTEM:OS - DIALOG OneSearch
File 71:ELSEVIER BIOBASE 1994-2001/May W4
(c) 2001 Elsevier Science B.V.
File 5:Biosis Previews(R) 1969-2001/May W2
(c) 2001 BIOSIS
File 155:MEDLINE(R) 1966-2001/May W5
(c) format only 2000 Dialog Corporation
*File 155: Medline has now updated. For further information
see Help News155.
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info

```

Set	Items	Description
?s secondary(w)metabolite and yeast		
	481600	SECONDARY
	115549	METABOLITE
	1941	SECONDARY(W)METABOLITE
	211735	YEAST
S1	35	SECONDARY(W)METABOLITE AND YEAST
?s secondary(w)metabolite and aspergillus		
	481600	SECONDARY
	115549	METABOLITE
	1941	SECONDARY(W)METABOLITE
	62443	ASPERGILLUS
S2	119	SECONDARY(W)METABOLITE AND ASPERGILLUS
?s secondary(w)metabolite and saccharomyces		
	481600	SECONDARY
	115549	METABOLITE
	1941	SECONDARY(W)METABOLITE
	133589	SACCHAROMYCES
S3	17	SECONDARY(W)METABOLITE AND SACCHAROMYCES

?s increase or improve(w)production or yield
1516937 INCREASE
195374 IMPROVE
945925 PRODUCTION
126 IMPROVE(W) PRODUCTION
312041 YIELD
S4 1795194 INCREASE OR IMPROVE(W) PRODUCTION OR YIELD

?s s4 and s1 or s2 or s3
1795194 S4
35 S1
119 S2
17 S3
S5 138 S4 AND S1 OR S2 OR S3

?rd
...examined 50 records (50)
...examined 50 records (100)
...completed examining records
S6 91 RD (unique items)
?t/3/1-20

6/3/1 (Item 1 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

01660985 2001033953
Combined molecular and biochemical approach identifies *Aspergillus* japonicus and *Aspergillus* aculeatus as two species
Par(caron)enicova L.; Skouboe P.; Frisvad J.; Samson R.A.; Rossen L.; Ten Hoor-Suykerbuyk M.; Visser J.
ADDRESS: J. Visser, Molec. Genet. Indus. Microorg. Sect., Wageningen University, Dreijenlaan 2, NL-6703 HA Wageningen, Netherlands
EMAIL: office@algemeen.mgim.wau.nl
Journal: Applied and Environmental Microbiology, 67/2 (521-527), 2001, United States
CODEN: AEMID
ISSN: 0099-2240
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 38

6/3/2 (Item 2 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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01257058 1999234508
Aspergillus nidulans mutants defective in stc gene cluster regulation
Butchko R.A.E.; Adams T.H.; Keller N.P.
ADDRESS: N.P. Keller, Plant Pathology/Microbiology Dept., Texas A and M University, 120 Peterson Bldg., College Station, TX 77843-2132, United States
EMAIL: n-keller@tamu.edu
Journal: Genetics, 153/2 (715-720), 1999, United States
CODEN: GENTA
ISSN: 0016-6731
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 25

6/3/3 (Item 3 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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01031495 1998275474
Sarcophytolide: A new neuroprotective compound from the soft coral Sarcophyton glaucum
Badria F.A.; Guirguis A.N.; Perovic S.; Steffen R.; Muller W.E.G.; Schroder H.C.
ADDRESS: W.E.G. Muller, Pharmacognosy Department, Faculty of Pharmacy, Mansoura University, Mansoura 35516, Egypt

EMAIL: wmueller@mail.uni-mainz.de
Journal: Toxicology, 131/2-3 (133-143), 1998, Ireland
CODEN: TXCYA
ISSN: 0300-483X
PUBLISHER ITEM IDENTIFIER: S0300483X98001243
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 38

6/3/4 (Item 4 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

01000733 1998247267
Evolutionary relationships in *Aspergillus* section Fumigati inferred from
partial beta-tubulin and hydrophobin DNA sequences
Geiser D.M.; Frisvad J.C.; Taylor J.W.
ADDRESS: D.M. Geiser, Department of Plant Pathology, 204 Buckhout
Laboratory, Pennsylvania State University, University Park, PA
16802, United States
EMAIL: dgeiser@psu.edu
Journal: Mycologia, 90/5 (831-845), 1998, United States
CODEN: MYCOA
ISSN: 0027-5514
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 56

6/3/5 (Item 5 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00987754 1998233702
Effect of butyrolactone I on the producing fungus, *Aspergillus* terreus
Schimmel T.G.; Coffman A.D.; Parsons S.J.
ADDRESS: T.G. Schimmel, Technical Operations, Merck and Co., Inc., P.O. Box
7, Elkton, VA 22827, United States
EMAIL: schimmel@merck.com
Journal: Applied and Environmental Microbiology, 64/10 (3707-3712), 1998,
United States
CODEN: AEMID
ISSN: 0099-2240
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 35

6/3/6 (Item 6 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00949488 1998195435
How aspartame prevents the toxicity of ochratoxin A
Creppy E.E.; Baudrimont I.; Marie A.
ADDRESS: E.E. Creppy, Toxicology Department, Univ. of Bordeaux 2 Victor
Segalen, 146, rue Leo Saignat, 33076 Bordeaux, France
Journal: Journal of Toxicological Sciences, 23/SUPPL. 2 (165-172), 1998,
Japan
CODEN: JTSCD
ISSN: 0388-1350
DOCUMENT TYPE: Conference Paper
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 46

6/3/7 (Item 7 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00940875 1998186307
 Protection by fungal starters against growth and *secondary* *metabolite*
 production of fungal spoilers of cheese
 Nielsen M.S.; Frisvad J.C.; Nielsen P.V.
 ADDRESS: M.S. Nielsen, Department of Biotechnology, Building 221, Technical
 University of Denmark, DK-2800 Lyngby, Denmark
 EMAIL: msn@ibt.dtu.dk
 Journal: International Journal of Food Microbiology, 42/1-2 (91-99), 1998,
 Netherlands
 PUBLICATION DATE: June 30, 1998
 CODEN: IJFMD
 ISSN: 0168-1605
 PUBLISHER ITEM IDENTIFIER: S0168160598000701
 DOCUMENT TYPE: Article
 LANGUAGES: English SUMMARY LANGUAGES: English
 NO. OF REFERENCES: 34

6/3/8 (Item 8 from file: 71)
 DIALOG(R)File 71:ELSEVIER BIOBASE
 (c) 2001 Elsevier Science B.V. All rts. reserv.

00902744 1998141731
 Development of a cylindrical apparatus for membrane-surface liquid culture
 and production of kojic acid using *Aspergillus* oryzae NRRL484
 Wakisaka Y.; Segawa T.; Imamura K.; Sakiyama T.; Nakanishi K.
 ADDRESS: K. Nakanishi, Dept. of Bioscience and Biotechnol., Faculty of
 Engineering, Okayama University, Tsushima-naka, Okayama 700, Japan
 Journal: Journal of Fermentation and Bioengineering, 85/5 (488-494), 1998,
 Japan
 PUBLICATION DATE: 19980000
 CODEN: JFBIE
 ISSN: 0922-338X
 DOCUMENT TYPE: Article
 LANGUAGES: English SUMMARY LANGUAGES: English
 NO. OF REFERENCES: 21

6/3/9 (Item 9 from file: 71)
 DIALOG(R)File 71:ELSEVIER BIOBASE
 (c) 2001 Elsevier Science B.V. All rts. reserv.

00827023 1998063928
 Asexual sporulation in *Aspergillus* nidulans
 Adams T.H.; Wieser J.K.; Yu J.-H.
 ADDRESS: T.H. Adams, Department of Biology, Texas A and M University,
 College Station, TX 77843, United States
 EMAIL: tom@bio.tamu.edu
 Journal: Microbiology and Molecular Biology Reviews, 62/1 (35-54), 1998,
 United States
 PUBLICATION DATE: 19980000
 CODEN: MMBRF
 ISSN: 1092-2172
 DOCUMENT TYPE: Review
 LANGUAGES: English SUMMARY LANGUAGES: English
 NO. OF REFERENCES: 174

6/3/10 (Item 10 from file: 71)
 DIALOG(R)File 71:ELSEVIER BIOBASE
 (c) 2001 Elsevier Science B.V. All rts. reserv.

00801869 1998037818
 Microbial conversion products of leptomycin B
 Kuhnt M.; Bitsch F.; Ponelle M.; Sanglier J.-J.; Wang Y.; Wolff B.
 ADDRESS: J.-J. Sanglier, Core Technology Area, Research, Novartis Pharma
 Inc., CH-4002 Basel, Switzerland
 EMAIL: JeanJacques.Sanglier@Pharma.Novartis.com
 Journal: Applied and Environmental Microbiology, 64/2 (714-720), 1998,
 United States
 PUBLICATION DATE: 19980000

CODEN: AEMID
ISSN: 0099-2240
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 18

6/3/11 (Item 11 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00733036 97237757
Dominant mutations affecting both sporulation and sterigmatocystin
biosynthesis in *Aspergillus* *nidulans*
Wieser J.; Yu J.-H.; Adams T.H.
ADDRESS: T.H. Adams, Department of Biology, Texas A and M University,
College Station, TX 77843, United States
Journal: Current Genetics, 32/3 (218-224), 1997, Germany
PUBLICATION DATE: 19970000
CODEN: CUGED
ISSN: 0172-8083
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 28

6/3/12 (Item 12 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00676114 97182880
Aspergillus sporulation and mycotoxin production both require
inactivation of the FadA Galpha protein-dependent signaling pathway
Hicks J.K.; Yu J.-H.; Keller N.P.; Adams T.H.
ADDRESS: T.H. Adams, Department of Biology, Texas A and M University,
College Station, TX 77843, United States
Journal: EMBO Journal, 16/16 (4916-4923), 1997, United Kingdom
PUBLICATION DATE: 19970000
CODEN: EMJOD
ISSN: 0261-4189
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 46

6/3/13 (Item 13 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00667496 97174260
Aniline and its metabolites generate free radicals in yeast
Brennan R.J.; Schiestl R.H.
ADDRESS: R.J. Brennan, Dept. Molecular Cellular Toxicology, Harvard School
of Public Health, Boston, MA 02115, United States
Journal: Mutagenesis, 12/4 (215-220), 1997, United Kingdom
PUBLICATION DATE: 19970000
CODEN: MUTAE
ISSN: 0267-8357
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 31

6/3/14 (Item 14 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00569828 97072652
Molecular regulation of penicillin biosynthesis in *Aspergillus*
(*Emericella*) *nidulans*
Brakhage A.A.

ADDRESS: A.A. Brakhage, Lehrstuhl für Mikrobiologie, Universität München,
Maria-Ward-Strasse 1a, D-80638 Munich, Germany
EMAIL: uj44219@sunmail.lrz-muenchen.de
Journal: FEMS Microbiology Letters, 148/1 (1-10), 1997, Netherlands
PUBLICATION DATE: 19970000
CODEN: FMLED
ISSN: 0378-1097
PUBLISHER ITEM IDENTIFIER: S0378109796005290
DOCUMENT TYPE: Review
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 46

6/3/15 (Item 15 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00569166 97071990
Effect of acetylsalicylic acid on secondary metabolism of *Catharanthus roseus* tumor suspension cultures
Godoy-Hernandez G.; Loyola-Vargas V.M.
ADDRESS: G. Godoy-Hernandez, Division de Biología Vegetal, Departamento Biología Experimental, CICY, Cordemex, 97310 Yucatan, Mexico
Journal: Plant Cell Reports, 16/5 (287-290), 1997, Germany
PUBLICATION DATE: 19970000
CODEN: PCRPD
ISSN: 0721-7714
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 24

6/3/16 (Item 16 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00497899 96191880
Aspergillus has distinct fatty acid synthases for primary and secondary metabolism
Brown D.W.; Adams T.H.; Keller N.P.
ADDRESS: N.P. Keller, Dept. of Plant Pathol./Microbiol., Texas A and M University, College Station, TX 77843, United States
Journal: Proceedings of the National Academy of Sciences of the United States of America, 93/25 (14873-14877), 1996, United States
PUBLICATION DATE: 19960000
CODEN: PNASA
ISSN: 0027-8424
DOCUMENT TYPE: Conference Paper
LANGUAGES: English SUMMARY LANGUAGES: English

6/3/17 (Item 17 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00431898 96125777
Induction of the accumulation of tryptamine and phenols by endogenous elicitors in cell suspension cultures of periwinkle
Garnier F.; Depierreux C.; Petit-Paly G.; Hamdi S.; Chenieux J.-C.; Rideau M.
ADDRESS: F. Garnier, LCBV, Faculté de Pharmacie, 31 avenue Monge, F-37200 Tours, France
Journal: Journal of Plant Physiology, 148/6 (701-706), 1996, Germany
PUBLICATION DATE: 19960000
CODEN: JPPHE
ISSN: 0176-1617
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

6/3/18 (Item 18 from file: 71)

DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00415206 96108989
Exacerbation of invasive aspergillosis by the immunosuppressive fungal
metabolite, gliotoxin
Sutton P.; Waring P.; Mullbacher A.
ADDRESS: A. Mullbacher, School of Microbiology/Immunology, University of
New South Wales, Sydney, NSW 2052, Australia
Journal: Immunology and Cell Biology, 74/4 (318-322), 1996, Australia
PUBLICATION DATE: 19960000
CODEN: ICBIE
ISSN: 0818-9641
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

6/3/19 (Item 19 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00390601 96083823
Identification of a major cis-acting DNA element controlling the
bidirectionally transcribed penicillin biosynthesis genes acvA (pcbAB)
and ipnA (pcbC) of *Aspergillus* nidulans
Bergh K.T.; Litzka O.; Brakhage A.A.
ADDRESS: A.A. Brakhage, Lehrstuhl für Mikrobiologie, Universität München,
Maria-Ward-Strasse 1a, D-80638 Munich, Germany
Journal: Journal of Bacteriology, 178/13 (3908-3916), 1996, United States
PUBLICATION DATE: 19960000
CODEN: JOBAA
ISSN: 0021-9193
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

6/3/20 (Item 20 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00363799 96055082
Twenty-five coregulated transcripts define a sterigmatocystin gene cluster
in *Aspergillus* nidulans
Brown D.W.; Yu J.-H.; Kelkar H.S.; Fernandes M.; Nesbitt T.C.; Keller N.P.;
Adams T.H.; Leonardo T.J.
ADDRESS: T.J. Leonard, Department of Biology, Clark University, 950 Main
Street, Worcester, MA 01610, United States
Journal: Proceedings of the National Academy of Sciences of the United
States of America, 93/4 (1418-1422), 1996, United States
PUBLICATION DATE: 19960000
CODEN: PNASA
ISSN: 0027-8424
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
?t/9/11,14

6/9/11 (Item 11 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00733036 97237757
Dominant mutations affecting both sporulation and sterigmatocystin
biosynthesis in *Aspergillus* nidulans
Wieser J.; Yu J.-H.; Adams T.H.
ADDRESS: T.H. Adams, Department of Biology, Texas A and M University,
College Station, TX 77843, United States
Journal: Current Genetics, 32/3 (218-224), 1997, Germany
PUBLICATION DATE: 19970000
CODEN: CUGED
ISSN: 0172-8083
DOCUMENT TYPE: Article

LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 28

The initiation of conidiophore development in the filamentous fungus *Aspergillus nidulans* is a complex process requiring the activities of several genes including *fluG*, *flbA*, *flbB*, *flbC*, *flbD*, and *flbE*. Recessive mutations in any one of these genes result in greatly reduced expression of the *brlA* developmental regulatory gene and a colony morphology described as fluffy. These fluffy mutants have somewhat diverse phenotypes but generally grow as undifferentiated masses of vegetative hyphae to form large cotton-like colonies. In this paper we describe a genetic screen to identify dominant mutations resulting in similar fluffy colony morphologies. We have identified 36 dominant fluffy mutant strains and shown that 29 of these mutants have greatly reduced *brlA* expression as compared to wild-type. In addition, we have found that 19 of these mutants are not only developmentally altered but also fail to produce the toxic, carcinogenic, *secondary metabolite* sterigmatocystin. At least three of the mutants isolated result from dominant activating mutations in *fadA* which encodes the α subunit of a heterotrimeric G-protein. Another of the mutants results from a dominant interfering mutation in *brlA*. We discuss the approaches taken to characterize these potentially important regulators of growth, development and secondary metabolism.

DESCRIPTORS:

G proteins; Transcription factor; Sporulation; Microbial development; Mycotoxin

CLASSIFICATION CODE AND DESCRIPTION:

85.7.17.3 - APPLIED MICROBIOLOGY AND BIOTECHNOLOGY / MICROBIAL METABOLISM AND PHYSIOLOGY / Microbial Physiology / Sporulation
85.7.15 - APPLIED MICROBIOLOGY AND BIOTECHNOLOGY / MICROBIAL METABOLISM AND PHYSIOLOGY / Secondary Metabolism

6/9/14 (Item 14 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00569828 97072652

Molecular regulation of penicillin biosynthesis in *Aspergillus*
(*Emericella*) *nidulans*

Brakhage A.A.

ADDRESS: A.A. Brakhage, Lehrstuhl für Mikrobiologie, Universität München,
Maria-Ward-Strasse 1a, D-80638 Munich, Germany

EMAIL: uj44219@sunmail.lrz-muenchen.de

Journal: FEMS Microbiology Letters, 148/1 (1-10), 1997, Netherlands

PUBLICATION DATE: 19970000.

CODEN: FMLED

ISSN: 0378-1097

PUBLISHER ITEM IDENTIFIER: S0378109796005290

DOCUMENT TYPE: Review

LANGUAGES: English SUMMARY LANGUAGES: English

NO. OF REFERENCES: 46

The beta-lactam antibiotic, penicillin is produced as end product by only some filamentous fungi, most notably by *Aspergillus nidulans* and *Penicillium chrysogenum*. The biosynthesis of this *secondary metabolite* is catalyzed by three enzymes which are encoded by the following three genes: *acvA* (*pcbAB*), *ipnA* (*pcbC*) and *aat* (*penDE*). The genes are organized into a gene cluster. In *A. nidulans*, several studies have indicated that the genes are controlled by a complex regulatory network. The wide-domain regulatory protein PACC binds to the intergenic region between *acvA* and *ipnA* and, at alkaline pH, increases at least *ipnA* gene transcription. An additional DNA binding protein (PENR1) was suggested to repress *acvA* and to activate *ipnA* and *aat* expression. Furthermore, three recessive trans-acting mutations have been characterized (*prgA1*, *prgB1*, *npeE1*) which most likely correspond to positively acting regulatory genes of the penicillin biosynthesis genes.

DESCRIPTORS:

Aspergillus *nidulans*; penicillin biosynthesis; beta-lactam biosynthesis;

Penicillium chrysogenum; secondary metabolism; peptide synthetase

CLASSIFICATION CODE AND DESCRIPTION:

84.2.4 - GENETICS AND MOLECULAR BIOLOGY / GENE CLONING, DNA/RNA SEQUENCES
AND GENOME ORGANISATION / Myxomycetes and Fungi
84.1.9.3 - GENETICS AND MOLECULAR BIOLOGY / MOLECULAR GENETICS / Gene
Expression in Eukaryotes / Transcriptional regulation
84.1.9.2 - GENETICS AND MOLECULAR BIOLOGY / MOLECULAR GENETICS / Gene
Expression in Eukaryotes / Transcription factors
84.5.4 - GENETICS AND MOLECULAR BIOLOGY / EUKARYOTIC GENETICS /
Cytogenetics and Cytotaxonomy
84.5.16 - GENETICS AND MOLECULAR BIOLOGY / EUKARYOTIC GENETICS /
Biochemical Genetics
84.5.24 - GENETICS AND MOLECULAR BIOLOGY / EUKARYOTIC GENETICS / Myxomycete
and Fungal Genetics
85.7.15 - APPLIED MICROBIOLOGY AND BIOTECHNOLOGY / MICROBIAL METABOLISM AND
PHYSIOLOGY / Secondary Metabolism
?t/3/21-41

6/3/21 (Item 21 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00298255 95115031
Sterigmatocystin biosynthesis in *Aspergillus* nidulans requires a novel
type I polyketide synthase
Yu J.-H.; Leonard T.J.
ADDRESS: T.J. Leonard, Clark Univ. Dept. of Biology, 950 Main St.,
Worcester, MA 01610, United States
Journal: Journal of Bacteriology, 177/16 (4792-4800), 1995, United States
PUBLICATION DATE: 19950000
CODEN: JOBAA
ISSN: 0021-9193
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

6/3/22 (Item 22 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00138546 94130705
Aflatoxin, its metabolism and carcinogenesis - A historical review
Nigam S.K.; Ghosh S.K.; Malaviya R.
ADDRESS: S.K. Nigam, National Inst Occupational Health, Meghani nagar,
Ahmedabad-380 016, India
Journal: Journal of Toxicology - Toxin Reviews, 13/2 (179-203), 1994,
United States
PUBLICATION DATE: 19940000
CODEN: JTTRD
ISSN: 0731-3837
DOCUMENT TYPE: Review
LANGUAGES: English SUMMARY LANGUAGES: English

6/3/23 (Item 23 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00084923 94054891
Hispidospermidin, a novel phospholipase C inhibitor produced by
Chaetosphaeronema hispidulum (Cda) Moesz NR 7127: I - Screening,
taxonomy, and fermentation
Yanagisawa M.; Sakai A.; Adachi K.; Sano T.; Watanabe K.; Tanaka Y.; Okuda
T.
ADDRESS: M. Yanagisawa, Nippon Roche Research Center, 200 Kajiwara,
Kamakura, Kanagawa 247, Japan
Journal: Journal of Antibiotics, 47/1 (1-5), 1994, Japan
PUBLICATION DATE: 19940000
CODEN: JANTA
ISSN: 0021-8820

DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

6/3/24 (Item 24 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00083423 94027503
Analysis of the regulation of penicillin biosynthesis in *Aspergillus*
nidulans by a targeted disruption of the *acvA* gene
Brakhage A.A.; Browne P.; Turner G.
ADDRESS: A. Brakhage, Lehrstuhl für Mikrobiologie, Universität München,
Maria-Ward-Str. 1a, D-80638 München, Germany
Journal: Molecular and General Genetics, 242/1 (57-64), 1994, Germany
PUBLICATION DATE: 19940000
CODEN: MGGEA
ISSN: 0026-8925
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

6/3/25 (Item 25 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00044975 94099230
Isolation and characterization of morphological variants of *Aspergillus*
parasiticus deficient in *secondary* *metabolite* production
Kale S.P.; Bhatnagar D.; Bennett J.W.
ADDRESS: J.W. Bennett, United States
Journal: Mycological Research, 98/6 (645-652), 1994
PUBLICATION DATE: 19940000
CODEN: MYCRE
ISSN: 0953-7562
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

6/3/26 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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12944413 BIOSIS NO.: 200100151562
Combined molecular and biochemical approach identifies *Aspergillus*
japonicus and *Aspergillus* *aculeatus* as two species.
AUTHOR: Parenicova Lucie; Skouboe Pernille; Frisvad Jens; Samson Robert A;
Rossen Lone; ten Hoor-Suykerbuyk Marjon; Visser Jaap(a)
AUTHOR ADDRESS: (a)Section Molecular Genetics of Industrial Microorganisms,
Wageningen University, Dreijenlaan 2, NL-6703 HA, Wageningen:
office@algemeen.mgim.wau.nl**Netherlands
JOURNAL: Applied and Environmental Microbiology 67 (2):p521-527 February,
2001
MEDIUM: print
ISSN: 0099-2240
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

6/3/27 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12320448 BIOSIS NO.: 200000041476
Modeling and experimental comparison of the differential adsorption of B1
and G1 aflatoxins on mineral aluminosilicate surfaces.
AUTHOR: Flores C M; Dominguez J M(a); Diaz-De-Leon J
AUTHOR ADDRESS: (a)Gerencia de Catalizadores y Materiales, Petroleum
Institute of Mexico, STI., Eje Central L. Cardenas 152, 07730, Mexico, DF

**Mexico

JOURNAL: Journal of Environmental Pathology Toxicology and Oncology 18 (3)
):p213-220 1999
ISSN: 0731-8898
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

6/3/28 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12118534 BIOSIS NO.: 199900413383
Norsolorinic acid mutants and aflatoxin research.
AUTHOR: Vaccaro G(a); Bennett J W(a)
AUTHOR ADDRESS: (a)Department of Cell and Molecular Biology, Tulane
University, New Orleans, LA, 70118**USA
JOURNAL: Czech Mycology 51 (2-3):p89-97 May, 1999
ISSN: 1211-0981
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: Czech; English

6/3/29 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12018406 BIOSIS NO.: 199900298925
Antibacterial activity of marine-derived fungi.
AUTHOR: Christophersen Carsten(a); Crescente Oscar; Frisvad Jens C; Gram
Lone; Nielsen Joan; Nielsen Per Halfdan; Rahbaek Lisa
AUTHOR ADDRESS: (a)Marine Chemistry Section, University of Copenhagen, H.
C. Orsted Institute, Universitetsparken 5**Denmark
JOURNAL: Mycopathologia 143 (3):p135-138 1998
ISSN: 0301-486X
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

6/3/30 (Item 5 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11621719 BIOSIS NO.: 199800403804
Colony interaction and *secondary* *metabolite* production of
cheese-related fungi in dual culture.
AUTHOR: Nielsen Marianne S(a); Frisvad Jens C; Nielsen Per V
AUTHOR ADDRESS: (a)Dep. Biotechnol., Build. 221, Technical Univ. Denmark,
DK-2800 Lyngby**Denmark
JOURNAL: Journal of Food Protection 61 (8):p1023-1029 Aug., 1998
ISSN: 0362-028X
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

6/3/31 (Item 6 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11495550 BIOSIS NO.: 199800276882
Bactericidal and fungicidal activity of *Aspergillus* ochraceus metabolites
and some derivatives.
AUTHOR: Torres Merce(a); Balcells Merce; Sala Nuria; Sanchis Vicente;
Canela Ramon

AUTHOR ADDRESS: (a)Area Food Technol., Centre R + D de Lleida, Rovira Roure
177, 25198-Lleida**Spain
JOURNAL: Pesticide Science' 53 (1):p9-14 May, 1998
ISSN: 0031-613X
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

6/3/32 (Item 7 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11444240 BIOSIS NO.: 199800225572
Growth and mycotoxin production by *Aspergillus* fumigatus strains isolated
from a saltern.
AUTHOR: Tepsic Katarina(a); Gunde-Cimerman Nina; Frisvad Jens C
AUTHOR ADDRESS: (a)Univ. Ljubljana, Biotech. Fac., Zootech. Dep., Groblje
3, 1230 Domzale**Slovenia
JOURNAL: FEMS Microbiology Letters 157 (1):p9-12 Dec. 1, 1997
ISSN: 0378-1097
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

6/3/33 (Item 8 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11404917 BIOSIS NO.: 199800186249
Regulators of *secondary* *metabolite* production of fungi.
AUTHOR: Sakuda Shohei(a)
AUTHOR ADDRESS: (a)Dep. Applied Biol. Chem., Univ. Tokyo, Tokyo**Japan
JOURNAL: Nippon Nogekagaku Kaishi 72 (1):p72-74 Jan., 1998
ISSN: 0002-1407
DOCUMENT TYPE: Article
RECORD TYPE: Citation
LANGUAGE: Japanese; Non-English

6/3/34 (Item 9 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11392729 BIOSIS NO.: 199800174061
Liquid chromatographic determination of major secondary metabolites
produced by *Aspergillus* species from section Flavi.
AUTHOR: Sobolev Victor S; Horn Bruce W; Dorner Joe W; Cole Richard J
AUTHOR ADDRESS: U.S. Dep. Agric., Agric. Res. Serv., Natl. Peanut Res.
Lab., 1011 Forrester Dr., Dawson, GA 31742**USA
JOURNAL: Journal of AOAC International 81 (1):p57-60 Jan.-Feb., 1998
ISSN: 1060-3271
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

6/3/35 (Item 10 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11360013 BIOSIS NO.: 199800141345
Short communication: Widespread occurrence of ATP: Citrate lyase and
carnitine acetyltransferase in filamentous fungi.
AUTHOR: Wynn J P(a); Hamid A A; Midgley M; Ratledge C
AUTHOR ADDRESS: (a)Dep. Biol. Sciences, Univ. Hull, Hull HU6 7RX**UK
JOURNAL: World Journal of Microbiology & Biotechnology 14 (1):p145-147
Jan., 1998
ISSN: 0959-3993
DOCUMENT TYPE: Article

RECORD TYPE: Abstract
LANGUAGE: English

6/3/36 (Item 11 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11015401 BIOSIS NO.: 199799636546
Biotechnological improvement of the output of secondary metabolites.
AUTHOR: Middleton C A; Hunt P; Donachie W
AUTHOR ADDRESS: Univ. Edinburg, Ashworth Lab., Edinburgh EH9 2AD**UK
JOURNAL: Folia Microbiologica 42 (3):p267 1997
CONFERENCE/MEETING: 14th Shall Meeting on Yeast Transport and Energetics
Bonn, Germany September 6-9, 1996
ISSN: 0015-5632
RECORD TYPE: Citation
LANGUAGE: English

6/3/37 (Item 12 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

10729360 BIOSIS NO.: 199799350505
AflJ, a gene involved in aflatoxin biosynthesis.
AUTHOR: Meyers D M; Payne G A
AUTHOR ADDRESS: Dep. Plant Pathol., North Carolina State Univ., Raleigh,
NC**USA
JOURNAL: Phytopathology 86 (11 SUPPL.):pS35 1996
CONFERENCE/MEETING: Annual Meeting of the American Phytopathological
Society, North Central Division Indianapolis, Indiana, USA July 27-31,
1996
ISSN: 0031-949X
RECORD TYPE: Citation
LANGUAGE: English

6/3/38 (Item 13 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

10466357 BIOSIS NO.: 199699087502
Identification of a major cis-acting DNA element controlling the
bidirectionally transcribed penicillin biosynthesis genes acvA (pcbAB)
and ipnA (pcbC) of *Aspergillus* nidulans.
AUTHOR: Then Bergh Katharina; Litzka Olivier; Brakhage Axel A(a)
AUTHOR ADDRESS: (a)Lehrstuhl fuer Mikrobiologie, Universitaet Muenchen,
Maria-Ward-Strasse 1a, D-80638 Munich**Germany
JOURNAL: Journal of Bacteriology 178 (13):p3908-3916 1996
ISSN: 0021-9193
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

6/3/39 (Item 14 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

10455498 BIOSIS NO.: 199699076643
Production of a malaria transmission-blocking protein from recombinant
yeast.
BOOK TITLE: Annals of the New York Academy of Sciences; Recombinant DNA
biotechnology, III The integration of biological and engineering sciences
AUTHOR: Wang Min-Ying; Kaslow David C; Shiloach Joseph(a)
BOOK AUTHOR/EDITOR: Asenjo J A; Andrews B A: Eds
AUTHOR ADDRESS: (a)Biotechnol. Unit, Build. 6, Room B1-33, NIH, Bethesda,
MD 20892-2715**USA
JOURNAL: Annals of the New York Academy of Sciences 782p123-132 1996
BOOK PUBLISHER: New York Academy of Sciences, 2 East 63rd Street, New York,

New York'10021, USA
CONFERENCE/MEETING: Conference Deauville, France October 16-21, 1994
ISSN: 0077-8923 ISBN: 0-89766-962-2 (paper); 0-89766-961-4 (cloth)
RECORD TYPE: Citation
LANGUAGE: English

6/3/40 (Item 15 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

10433958 BIOSIS NO.: 199699055103
Conservation of structure and function of the aflatoxin regulatory gene
aflR from *Aspergillus* nidulans and A. flavus.
AUTHOR: Yu Jae-Hyuk; Butchko Robert A E; Fernandes Mary; Keller Nancy P(a);
Leonard Thomas J; Adams Thomas H
AUTHOR ADDRESS: (a)Dep. Plant Biol. Pathol. Microbiol., Texas A and M
Univ., College Station, TX 77843**USA
JOURNAL: Current Genetics 29 (6):p549-555 1996
ISSN: 0172-8083
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

6/3/41 (Item 16 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

10313173 BIOSIS NO.: 199698768091
Mycotoxins and mycotoxigenic fungi in storage.
BOOK TITLE: Books in Soils, Plants, and the Environment; Stored-grain
ecosystems
AUTHOR: Frisvad Jens C
BOOK AUTHOR/EDITOR: Jayas D S; White N D G; Muir W E: Eds
AUTHOR ADDRESS: Technical Univ. Denmark, Lyngby**Denmark
p251-288 1995
BOOK PUBLISHER: Marcel Dekker, Inc., 270 Madison Avenue, New York, New York
10016, USA
Marcel Dekker, Inc., Basel, Switzerland
CONFERENCE/MEETING: International Symposium Winnipeg, Manitoba, Canada
June 7-10, 1992
ISBN: 0-8247-8983-0
RECORD TYPE: Citation
LANGUAGE: English
?t/9/33,36

6/9/33 (Item 8 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11404917 BIOSIS NO.: 199800186249
Regulators of *secondary* *metabolite* production of fungi.
AUTHOR: Sakuda Shohei(a)
AUTHOR ADDRESS: (a)Dep. Applied Biol. Chem., Univ. Tokyo, Tokyo**Japan
JOURNAL: Nippon Nogeikagaku Kaishi 72 (1):p72-74 Jan., 1998
ISSN: 0002-1407
DOCUMENT TYPE: Article
RECORD TYPE: Citation
LANGUAGE: Japanese; Non-English
DESCRIPTORS:
MAJOR CONCEPTS: Chemical Coordination and Homeostasis; Metabolism
BIOSYSTEMATIC NAMES: Fungi Imperfecti or Deuteromycetes--Fungi, Plantae
ORGANISMS: *Aspergillus*-parasiticus (Fungi Imperfecti or Deuteromycetes)
; Penicillium-urticae (Fungi Imperfecti or Deuteromycetes
BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): Fungi; Microorganisms;
Nonvascular Plants; Plants
CHEMICALS & BIOCHEMICALS: aflastatin; aflatoxin
MISCELLANEOUS TERMS: *secondary* *metabolite* production
CONCEPT CODES:
51519 Plant Physiology, Biochemistry and Biophysics-Metabolism

13002 Metabolism-General Metabolism; Metabolic Pathways
BIOSYSTEMATIC CODES:
15500 Fungi Imperfectior Deuteromycetes

6/9/36 (Item 11 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11015401 BIOSIS NO.: 199799636546
Biotechnological improvement of the output of secondary metabolites.
AUTHOR: Middleton C A; Hunt P; Donachie W
AUTHOR ADDRESS: Univ. Edinburg, Ashworth Lab., Edinburgh EH9 2AD**UK
JOURNAL: Folia Microbiologica 42 (3):p267 1997
CONFERENCE/MEETING: 14th Small Meeting on Yeast Transport and Energetics
Bonn, Germany September 6-9, 1996
ISSN: 0015-5632
RECORD TYPE: Citation
LANGUAGE: English
REGISTRY NUMBERS: 73-22-3: TRYPTOPHAN
DESCRIPTORS:
MAJOR CONCEPTS: Biochemistry and Molecular Biophysics; Bioprocess
Engineering; Genetics; Metabolism; Methods and Techniques
BIOSYSTEMATIC NAMES: Ascomycetes--Fungi, Plantae
ORGANISMS: *Saccharomyces* cerevisiae (Ascomycetes)
BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): fungi; microorganisms;
nonvascular plants; plants
CHEMICALS & BIOCHEMICALS: TRYPTOPHAN
INDUSTRY: biotechnology industry
MISCELLANEOUS TERMS: Meeting Abstract; BIOPROCESS ENGINEERING;
EXCRETION; GENETIC METHOD; METHODOLOGY; MOLECULAR GENETICS; SATURATION
MUTAGENESIS; *SECONDARY* *METABOLITE* OUTPUT IMPROVEMENT; TAT1 GENE;
TAT2 GENE; TRYPTOPHAN

CONCEPT CODES:

03504 Genetics and Cytogenetics-Plant
10062 Biochemical Studies-Nucleic Acids, Purines and Pyrimidines
13012 Metabolism-Proteins, Peptides and Amino Acids
39007 Food and Industrial Microbiology-Biosynthesis, Bioassay and
Fermentation
51519 Plant Physiology, Biochemistry and Biophysics-Metabolism
51524 Plant Physiology, Biochemistry and Biophysics-Apparatus and
Methods
00520 General Biology-Symposia, Transactions and Proceedings of
Conferences, Congresses, Review Annuals

BIOSYSTEMATIC CODES:

15100 Ascomycetes

?ds

Set	Items	Description
S1	35	SECONDARY(W)METABOLITE AND YEAST
S2	119	SECONDARY(W)METABOLITE AND ASPERGILLUS
S3	17	SECONDARY(W)METABOLITE AND SACCHAROMYCES
S4	1795194	INCREASE OR IMPROVE(W)PRODUCTION OR YIELD
S5	138	S4 AND S1 OR S2 OR S3
S6	91	RD (unique items)

?t/3/42-91

6/3/42 (Item 17 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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10144723 BIOSIS NO.: 199698599641
Allocation of random amplified polymorphic DNA markers and enzyme
activities of *Aspergillus* nidulans and *Aspergillus* tetrazonus
chromosomes.
AUTHOR: Varga Janos(a); Kesztyus Krisztina; Teren Jozsef; Ferenczy Lajos
AUTHOR ADDRESS: (a)Dep. Microbiol., Attila Jozsef Univ., P.O. Box 533,
Szeged H-6701**Hungary
JOURNAL: Antonie van Leeuwenhoek 68 (3):p245-251 1995
ISSN: 0003-6072
DOCUMENT TYPE: Article

RECORD TYPE: Abstract
LANGUAGE: English

6/3/43 (Item 18 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

09892292 BIOSIS NO.: 199598347210
Mechanisms of cell death associated with Ochratoxin A-induced
malformations.
AUTHOR: Wei X; Sulik K K
AUTHOR ADDRESS: The Univ. N.C. Birth Defects Cent., Chapel Hill, NC**USA
JOURNAL: Teratology 51 (3):p201 1995
CONFERENCE/MEETING: Thirty-fifth Annual Meeting of the Teratology Society
and the Nineteenth Annual Meeting of the Neurobehavioral Teratology Society
Newport Beach, California, USA Newport Beach, California, USA June
24-29, 1995 June 25-28, 1995
ISSN: 0040-3709
RECORD TYPE: Citation
LANGUAGE: English

6/3/44 (Item 19 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

09658347 BIOSIS NO.: 199598113265
Resistance to the branched-chain amino acid analog trifluoroleucine and
secondary *metabolite* production in *Saccharomyces* cerevisiae.
AUTHOR: Casalone E(a); Fia G; Barberio C; Poisinelli M
AUTHOR ADDRESS: (a)Biochem. Sci. Inst., Chieti Univ., Via dei Vestini,
66100 Chieti**Italy
JOURNAL: Mededelingen Faculteit Landbouwkundige en Toegepaste Biologische
Wetenschappen Universiteit Gent 59 (4A-B):p1825-1827 1994
CONFERENCE/MEETING: Eighth Forum for Applied Biotechnology Brugge, Belgium
September 28-30, 1994
RECORD TYPE: Citation
LANGUAGE: English

6/3/45 (Item 20 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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09418355 BIOSIS NO.: 199497426725
Determination of ochratoxin A in blood serum of pigs by using thin layer
chromatography.
AUTHOR: Mallmann C A(a); Santurio J M; Baldissera M A; Von Mickwitz G(a)
AUTHOR ADDRESS: (a)Freie Universitaet Berlin, Tieraerztliche Ambulanz
Schwarzenbek, Roentgenstrasse 12, 21493 Schwa**Germany
JOURNAL: Revista de Microbiologia 25 (2):p107-111 1994
ISSN: 0001-3714
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English; Portuguese

6/3/46 (Item 21 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

09403828 BIOSIS NO.: 199497412198
Synthesis of sterigmatocystin on a chemically defined medium by species of
Aspergillus and Chaetomium.
AUTHOR: Barnes S E; Dola T P; Bennett J W(a); Bhatnagar D
AUTHOR ADDRESS: (a)Dep. Cell Mol. Biol., Tulane Univ., 2000 Percival Stern
Hall, New Orleans, LA 70118**USA
JOURNAL: Mycopathologia 125 (3):p173-178 1994
ISSN: 0301-486X

DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

6/3/47 (Item 22 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

09336739 BIOSIS NO.: 199497345109
A genomic fragment encoding divergent, overlapping transcripts is required for expression of genes in *Aspergillus* *flavus* involved in aflatoxin biosynthesis.
AUTHOR: Foutz K R(a); Woloshuk C P; Brewer J F(a); Payne G A(a)
AUTHOR ADDRESS: (a)North Carolina State University, Raleigh, NC**USA
JOURNAL: Abstracts of the General Meeting of the American Society for Microbiology 94 (0):p364 1994
CONFERENCE/MEETING: 94th General Meeting of the American Society for Microbiology Las Vegas, Nevada, USA May 23-27, 1994
ISSN: 1060-2011
RECORD TYPE: Citation
LANGUAGE: English

6/3/48 (Item 23 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

09336737 BIOSIS NO.: 199497345107
Function of a gene cluster in *Aspergillus* *nidulans*.
AUTHOR: Kantz N J(a); Segner S(a); Adams T H; Bhatnagar D; Cleveland T E; Keller N P(a)
AUTHOR ADDRESS: (a)Dep. Plant Pathol. Microbiol., Texas A and M University, College Station, TX 77843**USA
JOURNAL: Abstracts of the General Meeting of the American Society for Microbiology 94 (0):p364 1994
CONFERENCE/MEETING: 94th General Meeting of the American Society for Microbiology Las Vegas, Nevada, USA May 23-27, 1994
ISSN: 1060-2011
RECORD TYPE: Citation
LANGUAGE: English

6/3/49 (Item 24 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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09313279 BIOSIS NO.: 199497321649
Indole-3-carbinol and beta-naphthoflavone induction of aflatoxin B-1 metabolism and cytochromes P-450 associated with bioactivation and detoxication of aflatoxin B-1 in the rat.
AUTHOR: Stresser D M; Bailey G S; Williams D E(a)
AUTHOR ADDRESS: (a)Dep. Food Sci. and Technol., Oregon State Univ., Corvallis, OR 97331-6602**USA
JOURNAL: Drug Metabolism and Disposition 22 (3):p383-391 1994
ISSN: 0090-9556
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

6/3/50 (Item 25 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

09310625 BIOSIS NO.: 199497318995
WIN 64821, a novel neurokinin antagonist produced by an *Aspergillus* sp.: II. Biological activity.
AUTHOR: Oleynek Joseph J(a); Sedlock David M(a); Barrow Colin J; Appell Kenneth C; Casiano Ernaces; Haycock Dean; Ward Susan J; Kaplita Paul(a); Gillum Amanda M(a)

AUTHOR ADDRESS: (a)Dep. Natural Prod. Biol., Sterling Winthrop
Pharmaceuticals, Res. Div., 1250 Collegeville Road, **USA
JOURNAL: Journal of Antibiotics (Tokyo) 47 (4):p399-410 1994
ISSN: 0021-8820
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

6/3/51 (Item 26 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

09285235 BIOSIS NO.: 199497293605
Manganese: Function and transport in fungi.
BOOK TITLE: Mycology Series; Metal ions in fungi
AUTHOR: Auling Georg
BOOK AUTHOR/EDITOR: Winkelmann G; Winge D R: Eds
AUTHOR ADDRESS: Univ. Hannover, Hannover**Germany
JOURNAL: Mycology Series 11p215-236 1994
BOOK PUBLISHER: Marcel Dekker, Inc., 270 Madison Avenue, New York, New York
10016, USA
Marcel Dekker, Inc., Basel, Switzerland
ISSN: 0730-9597 ISBN: 0-8247-9172-X
DOCUMENT TYPE: Book
RECORD TYPE: Citation
LANGUAGE: English

6/3/52 (Item 27 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

09195836 BIOSIS NO.: 199497204206
The effect of fungal elicitors on hyoscyamine content in hairy root
cultures of Hyoscyamus muticus.
AUTHOR: Sevon N; Suomalainen M; Hiltunen R; Oksman-Caldentey K-M
AUTHOR ADDRESS: Dep. Pharm., Pharmacognosy Div., P.O. Box 15, FIN-00014
Univ. Helsinki**Finland
JOURNAL: Planta Medica 59 (7 SUPPL.):pA661 1993
CONFERENCE/MEETING: 41st Annual Congress of the Society for Medicinal Plant
Research Duesseldorf, Germany August 31-September 4, 1993
ISSN: 0032-0943
RECORD TYPE: Citation
LANGUAGE: English

6/3/53 (Item 28 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

08930328 BIOSIS NO.: 199396081829
Buspirone in the treatment of tardive dyskinesia.
AUTHOR: Moss Lori E; Neppe Vernon M; Drevets Wayne C(a)
AUTHOR ADDRESS: (a)Washington Univ. Sch. Med., Dep. Psychiatry, 4940
Audubon Ave., St. Louis, MO 63110**USA
JOURNAL: Journal of Clinical Psychopharmacology 13 (3):p204-209 1993
ISSN: 0271-0749
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

6/3/54 (Item 29 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

08812130 BIOSIS NO.: 199395101481
Glyantrypine, a novel anthranilic acid-containing metabolite of
Aspergillus clavatus.
AUTHOR: Penn Julia; Mantle Peter G(a); Bilton John N; Sheppard Richard N

AUTHOR ADDRESS: (a)Dep. Biochem., Imperial Coll. Sci. Technol. Med., London
SW7 2AY**UK
JOURNAL: Journal of the Chemical Society Perkin Transactions I 0 (12):p
1495-1496 1992
ISSN: 0300-922X
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

6/3/55 (Item 30 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

08586631 BIOSIS NO.: 199345004706
Examination of tetrahydro- and dihydrobisfuran formation in aflatoxin
biosynthesis: From whole cells to purified enzymes.
BOOK TITLE: Environmental Science Research; *Secondary*-metabolite*
biosynthesis and metabolism
AUTHOR: Townsend Craig A; McGuire Sean M; Brobst Susan W; Graybill Todd L;
Pal Kollol; Barry Clifton E III
BOOK AUTHOR/EDITOR: Petroski R J; McCormick S P: Eds
AUTHOR ADDRESS: Dep. Chem., Johns Hopkins Univ., Charles and 34th Streets,
Baltimore, MD 21218**USA
JOURNAL: Environmental Science Research 44p141-154 1992
BOOK PUBLISHER: Plenum Press, 233 Spring Street, New York, New York, USA
Plenum Press, London, England, UK
CONFERENCE/MEETING: American Chemical Society Symposium on Biosynthesis and
Metabolism of Secondary Metabolite Natural Products Atlanta, Georgia, USA
April 14-19, 1991
ISSN: 0090-0427 ISBN: 0-306-44309-0
DOCUMENT TYPE: Article
RECORD TYPE: Citation
LANGUAGE: English

6/3/56 (Item 31 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

08423519 BIOSIS NO.: 000094130723
FK-506-BINDING PROTEINS FROM STREPTOMYCETES PRODUCING IMMUNOSUPPRESSIVE
MACROLACTONES OF THE FK-506 TYPE
AUTHOR: PAHL A; KELLER U
AUTHOR ADDRESS: INST. BIOCHEM. UND MOL. BIOL., TECHNISCHE UNIV. BERLIN,
FRANKLINSTRASSE 29, D-1000 BERLIN 10, GER.
JOURNAL: J BACTERIOL 174 (18). 1992. 5888-5894. 1992
FULL JOURNAL NAME: Journal of Bacteriology
CODEN: JOBAA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

6/3/57 (Item 32 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

08407251 BIOSIS NO.: 000094124905
INFLUENCE OF FORMALDEHYDE IN CONTROL OF BACTERIAL AND FUNGAL CONTAMINANTS
IN PLANT CELL CULTURES ITS EFFECT ON GROWTH AND SECONDARY METABOLITES
PRODUCTION
AUTHOR: NIRMALA C; SUVARNALATHA G; RAVISHANKAR G A; VENKATARAMAN L V
AUTHOR ADDRESS: AUTOTROPHIC CELL CULTURE DISCIPLINE, CENTRAL FOOD TECHNOL.
RES. INST., MYSORE-570 013, INDIA.
JOURNAL: BIOTECHNOL TECH 6 (5). 1992. 463-468. 1992
FULL JOURNAL NAME: Biotechnology Techniques
CODEN: BTECE
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

6/3/58 (Item 33 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

08168122 BIOSIS NO.: 000042126195
HANDBOOK OF APPLIED MYCOLOGY VOL. 5. MYCOTOXINS IN ECOLOGICAL SYSTEMS
AUTHOR: BHATNAGAR D; LILLEHOJ E B; ARORA D K
AUTHOR ADDRESS: U.S. DEP. AGRIC., NEW ORLEANS, LA., USA.
JOURNAL: BHATNAGAR, D., E. B. LILLEHOJ AND D. K. ARORA (ED.). HANDBOOK OF
APPLIED MYCOLOGY, VOL. 5. MYCOTOXINS IN ECOLOGICAL SYSTEMS. XI+443P. MARCEL
DEKKER, INC.: NEW YORK, NEW YORK, USA; BASEL, SWITZERLAND. ILLUS. ISBN
0-8247-8551-7. 0 (0). 1992. XI+443P. 1992
CODEN: 36540
DOCUMENT TYPE: Book
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

6/3/59 (Item 34 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

07930516 BIOSIS NO.: 000093018914
RESISTANCE OF C57BL-6 MICE TO IMMUNOSUPPRESSIVE EFFECTS OF AFLATOXIN B-1
AND RELATIONSHIP WITH NEUROENDOCRINE MECHANISMS
AUTHOR: HATORI Y; SHARMA R P; WARREN R P
AUTHOR ADDRESS: TOXICOLOGY PROGRAM, UTAH STATE UNIV., LOGAN, UTAH
84322-5600, USA.
JOURNAL: IMMUNOPHARMACOLOGY 22 (2). 1991. 127-136. 1991
FULL JOURNAL NAME: Immunopharmacology
CODEN: IMMUD
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

6/3/60 (Item 35 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

07741526 BIOSIS NO.: 000041050322
CHEMOTAXONOMY AND MORPHOLOGY OF *ASPERGILLUS*-FUMIGATUS AND RELATED TAXA
AUTHOR: FRISVAD J C; SAMSON R A
AUTHOR ADDRESS: DEP. BIOTECHNOL., TECH. UNIV. DEN., 2800 LYNGBY, DEN.
JOURNAL: SAMSON, R. A. AND J. I. PITT (ED.). NATO ASI (ADVANCED SCIENCE
INSTITUTES) SERIES A LIFE SCIENCES, VOL. 185. MODERN CONCEPTS IN
PENICILLIUM AND ASPERGILLUS CLASSIFICATION; SECOND INTERNATIONAL WORKSHOP,
BAARN, NETHERLANDS, MAY 8-12, 1989. IX+478P. PLENUM PUBLISHING CORP: NEW
YORK, NEW YORK, USA; LONDON, ENGLAND, UK. ILLUS. ISBN 0-306-43516-0. 0 (0).
1990. 201-208. 1990
CODEN: NALSD
RECORD TYPE: Citation
LANGUAGE: ENGLISH

6/3/61 (Item 36 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

07741512 BIOSIS NO.: 000041050308
IDENTIFICATION OF PENICILLIUM AND *ASPERGILLUS* SPECIES IN MIXED CULTURES
IN PETRI DISHES USING *SECONDARY* *METABOLITE* PROFILE
AUTHOR: FILTENBORG O; FRISVAD J C
AUTHOR ADDRESS: DEP. BIOTECHNOL., TECH. UNIV. DEN., 2800 LYNGBY, DEN.
JOURNAL: SAMSON, R. A. AND J. I. PITT (ED.). NATO ASI (ADVANCED SCIENCE
INSTITUTES) SERIES A LIFE SCIENCES, VOL. 185. MODERN CONCEPTS IN
PENICILLIUM AND ASPERGILLUS CLASSIFICATION; SECOND INTERNATIONAL WORKSHOP,
BAARN, NETHERLANDS, MAY 8-12, 1989. IX+478P. PLENUM PUBLISHING CORP: NEW
YORK, NEW YORK, USA; LONDON, ENGLAND, UK. ILLUS. ISBN 0-306-43516-0. 0 (0).
1990. 27-38. 1990
CODEN: NALSD
RECORD TYPE: Citation

LANGUAGE: ENGLISH

6/3/62 (Item 37 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

07540698 BIOSIS NO.: 000091092776
APPROACHES TO PENICILLIUM AND *ASPERGILLUS* SYSTEMATICS
AUTHOR: PITT J I; SAMSON R A
AUTHOR ADDRESS: CSIRO DIV. FOOD PROCESSING, NORTH RYDE, N.S.W. 2113,
AUSTRALIA.
JOURNAL: STUD MYCOL 0 (32). 1990. 77-90. 1990
FULL JOURNAL NAME: Studies in Mycology
CODEN: SMYCA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

6/3/63 (Item 38 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

07397222 BIOSIS NO.: 000091012832
DIFFERENTIATION OF PENICILLIUM-GLABRUM FROM PENICILLIUM-SPINULOSUM AND
OTHER CLOSELY RELATED SPECIES AN INTEGRATED TAXONOMIC APPROACH
AUTHOR: PITT J I; KLICH M A; SHAFFER G P; CRUICKSHANK R H; FRISVAD J C;
MULLANEY E J; ONIONS A H S; SAMSON R A; WILLIAMS A P
AUTHOR ADDRESS: CSIRO, DIV. FOOD PROCESSING, P.O. BOX 52, NORTH RYDE,
N.S.W. 2113, AUST.
JOURNAL: SYST APPL MICROBIOL 13 (3). 1990. 304-309. 1990
FULL JOURNAL NAME: Systematic and Applied Microbiology
CODEN: SAMID
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

6/3/64 (Item 39 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

07277380 BIOSIS NO.: 000090057267
EFFECT OF PATULIN ON THE KINETIC PROPERTIES OF THE ENZYME ALDOLASE STUDIED
IN RAT LIVER
AUTHOR: SAKTHISEKARAN D; SHANMUGASUNDARAM E R B
AUTHOR ADDRESS: DEP. BIOCHEM., UNIV. MADRAS, TARAMANI CAMPUS, MADRAS-600
113, INDIA.
JOURNAL: BIOCHEM INT 21 (1). 1990. 117-134. 1990
FULL JOURNAL NAME: Biochemistry International
CODEN: BIIND
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

6/3/65 (Item 40 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

06890091 BIOSIS NO.: 000089044020
NITRATE INDUCES ENZYMES OF THE MANNITOL CYCLE AND SUPPRESSES VERSICOLORIN
SYNTHESIS IN *ASPERGILLUS*-PARASITICUS
AUTHOR: NIEHAUS W G JR; JIANG W
AUTHOR ADDRESS: DEP. BIOCHEM. AND NUTRITION, VA. POLYTECHNIC INST.,
BLACKBURG, VA. 24061, USA.
JOURNAL: MYCOPATHOLOGIA 107 (2-3). 1989. 131-138. 1989
FULL JOURNAL NAME: Mycopathologia
CODEN: MYCPA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

6/3/66 (Item 41 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

06423821 BIOSIS NO.: 000036126974
RECENT DEVELOPMENTS IN THE STUDY OF PENICILLIUM AND *ASPERGILLUS*
SYSTEMATICS
AUTHOR: PITT J I; KLICH M A
AUTHOR ADDRESS: CSIRO FOOD RES. LAB., NORTH RYDE, NSW 2133, AUSTRALIA.
JOURNAL: 57TH ANNUAL MEETING AND SUMMER CONFERENCE OF THE SOCIETY FOR
APPLIED BACTERIOLOGY, GUILDFORD, ENGLAND, UK, JULY 18-21, 1988. J APPL
BACTERIOL 65 (6). 1988. II-III. 1988
CODEN: JABAA
DOCUMENT TYPE: Meeting
RECORD TYPE: Citation
LANGUAGE: ENGLISH

6/3/67 (Item 42 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

06049549 BIOSIS NO.: 000085012698
STANDARDIZED HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY OF 182 MYCOTOXINS AND
OTHER FUNGAL METABOLITES BASED ON ALKYLPHENONE RETENTION INDICES AND
UV-VIS SPECTRA DIODE ARRAY DETECTION
AUTHOR: FRISVAD J C; THRANE U
AUTHOR ADDRESS: DEP. BIOTECHNOL., FOOD TECHNOL., BUILDING 221, TECH. UNIV.
DENMARK, DK-2800 LYNGBY, DENMARK.
JOURNAL: J CHROMATOGR 404 (1). 1987. 195-214. 1987
FULL JOURNAL NAME: Journal of Chromatography
CODEN: JOCRA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

6/3/68 (Item 43 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

05686325 BIOSIS NO.: 000084034730
ON-LINE MONITORING AND CONTROL OF PHOSPHATE CONCENTRATION IN DIFFERENT
FERMENTATION TECHNOLOGIES
AUTHOR: PECS M; SZIGETI L; BOROS A; NYESTE L; HOLLO J; BATHORY J; PATAKY I;
ERY M
AUTHOR ADDRESS: DEP. AGRIC. CHEM. TECHNOL., TECHNICAL UNIV., BUDAPEST,
H-1111 BUDAPEST, GELLERT TER 4, HUNGARY.
JOURNAL: ACTA ALIMENT 16 (1). 1987. 79-93. 1987
FULL JOURNAL NAME: Acta Alimentaria
CODEN: ACALD
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

6/3/69 (Item 44 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

05651216 BIOSIS NO.: 000083124363
STUDIES OF IMMUNE FUNCTION OF CD-1 MICE EXPOSED TO AFLATOXIN B-1
AUTHOR: REDDY R V; TAYLOR M J; SHARMA R P
AUTHOR ADDRESS: CENT. ENVIRON. TOXICOL., UTAH STATE UNIV., LOGAN, UTAH
84322, USA.
JOURNAL: TOXICOLOGY 43 (2). 1987. 123-132. 1987
FULL JOURNAL NAME: Toxicology
CODEN: TXCYA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

6/3/70 (Item 45 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

05226481 BIOSIS NO.: 000082067103
INHIBITORY ACTIVITY OF THE GENUS CHRYSOSEPTORIUM IN RELATION TO THE
COMPOSITION OF THE CULTURE MEDIA USED
AUTHOR: CALVO M A; CALVO R M; ABARCA L; BRUGUERA T; CABANES F J
AUTHOR ADDRESS: DEP. DE MICROBIOL., FAC. DE VETERINARIA, UNIV. AUTONOMA DE
BARCELONA, BELLATERRA BARCELONA, SPAIN.
JOURNAL: MICROBIOS 46 (187). 1986. 87-94. 1986
FULL JOURNAL NAME: Microbios
CODEN: MCBIA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

6/3/71 (Item 46 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

04786516 BIOSIS NO.: 000080089644
AFLATOXIN B-INDUCED ALTERATIONS IN UPTAKE AND DISTRIBUTION OF ZINC-65 ZINC
CHLORIDE BY 4 ZEA-MAYS CULTIVARS AND TOXIN EFFECTS ON ROOT AND STEM
ELONGATIONS
AUTHOR: LLEWELLYN G C; SLACK N S; DASHEK W V; REYNOLDS J D; MOLL M B;
MCCOWEN S M
AUTHOR ADDRESS: DEP. BIOLOGY, VIRGINIA COMMONWEALTH UNIV., RICHMOND, VA.
23284.
JOURNAL: ACTA SOC BOT POL 53 (4). 1984 (1985). 561-574. 1984 1985
FULL JOURNAL NAME: Acta Societatis Botanicorum Poloniae
CODEN: ASBNA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

6/3/72 (Item 47 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

03867909 BIOSIS NO.: 000075045982
PATULIN MYCO TOXICOSIS IN THE RAT TOXICOLOGY PATHOLOGY AND CLINICAL
PATHOLOGY
AUTHOR: MCKINLEY E R; CARLTON W W; BOON G D
AUTHOR ADDRESS: DEP. VET. MICROBIOL. AND PATHOLOGY, SCH. VET. MED., PURDUE
UNIV., WEST LAFAYETTE, IN 47907, USA.
JOURNAL: FOOD CHEM TOXICOL 20 (3). 1982. 289-300. 1982
FULL JOURNAL NAME: Food and Chemical Toxicology
CODEN: FCTOD
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

6/3/73 (Item 48 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

03524363 BIOSIS NO.: 000073027443
EFFECT OF AFLA TOXIN B-1 ON CHROMATIN BOUND RNA POLYMERASE AND NUCLEIC-ACID
AND PROTEIN SYNTHESIS IN GERMINATING MAIZE SEEDS
AUTHOR: TRIPATHI R K; MISRA R S
AUTHOR ADDRESS: DEP. OF PLANT PATHOL., G.B. PANT UNIV. OF AGRICULTURE AND
TECHNOL., PANTNAGER, NAINITAL 263145, INDIA.
JOURNAL: APPL ENVIRON MICROBIOL 42 (3). 1981. 389-393. 1981
FULL JOURNAL NAME: Applied and Environmental Microbiology
CODEN: AEMID
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

6/3/74 (Item 49 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

(c) 2001 BIOSIS. All rts. reserv.

03518440 BIOSIS NO.: 000073021520
OCHRA TOXIN A AN IN-VIVO INHIBITOR OF RENAL PHOSPHOENOL PYRUVATE CARBOXY
KINASE
AUTHOR: MEISNER H; MEISNER P
AUTHOR ADDRESS: DEP. PHARMACOL., SCH. MED., CASE WESTERN RESERVE UNIV.,
CLEVELAND, OH 44106.
JOURNAL: ARCH BIOCHEM BIOPHYS 208 (1). 1981. 146-153. 1981
FULL JOURNAL NAME: Archives of Biochemistry and Biophysics
CODEN: ABBIA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

6/3/75 (Item 50 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

02669765 BIOSIS NO.: 000067057833
ISOLATION AND IDENTIFICATION OF SECONDARY METABOLITES OF A STRAIN OF
ASPERGILLUS-TERREUS A COMMON FOOD CONTAMINANT
AUTHOR: SUBRAMANIAN T; NAMASIVAYAM K M; SHANMUGASUNDARAM E R B
AUTHOR ADDRESS: UNIV. BIOCHEM. LAB., UNIV. MADRAS, GUINDY CAMPUS, MADRAS
600 025, TAMIL NADU INDIA.
JOURNAL: PROC INDIAN ACAD SCI SECT B 87 (7). 1978. 177-180. 1978
FULL JOURNAL NAME: Proceedings of the Indian Academy of Sciences Section B
CODEN: PISBA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

6/3/76 (Item 51 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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02652937 BIOSIS NO.: 000067041002
AN IMPROVED 11-ALPHA HYDROXYLATION OF PROGESTERONE BY *ASPERGILLUS*
-OCHRACEUS TS
AUTHOR: SAMANTA T B; ROY N; CHATTOPADHYAY S
AUTHOR ADDRESS: DEP. MICROBIOL., BOSE INST., CALCUTTA 700009, W. BENGAL,
INDIA.
JOURNAL: BIOCHEM J 176 (2). 1978. 593-594. 1978
FULL JOURNAL NAME: Biochemical Journal
CODEN: BIJOA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

6/3/77 (Item 52 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

02617264 BIOSIS NO.: 000067005322
REGULATION OF AFLA TOXIN BIOSYNTHESIS PART 2 COMPARATIVE STUDY OF TRI
CARBOXYLIC-ACID CYCLE IN AFLA TOXIGENIC AND NONAFLATOXIGENIC STRAINS OF
ASPERGILLUS-FLAVUS
AUTHOR: GUPTA S K; MAGGON K K; VENKITASUBRAMANIAN T A
AUTHOR ADDRESS: DEP. BIOCHEM., VALLABHBHAI PATEL CHEST INST., UNIV. DELHI,
DELHI 110007, INDIA.
JOURNAL: MICROBIOS 19 (75). 1977 (RECD 1978) 7-16. 1977
FULL JOURNAL NAME: Microbios
CODEN: MCBIA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

6/3/78 (Item 53 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

02489491 BIOSIS NO.: 000066072048
REGULATION OF MICROBIAL SECONDARY METABOLISM
AUTHOR: NAKAYAMA K
AUTHOR ADDRESS: TOKYO RES. LAB., KYOWA HAKKO KOGYO CO., MACHIDASHI, TOKYO,
JPN.
JOURNAL: AMINO ACID NUCLEIC ACID (36). 1977 (RECD 1978) 1-33. 1977
FULL JOURNAL NAME: Amino Acid and Nucleic Acid
CODEN: HATAA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

6/3/79 (Item 54 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

02469566 BIOSIS NO.: 000066052111
COMPARATIVE GENETICS OF YEAST PART 17 A NEW TYPE OF KILLER STRAIN IN
SACCHAROMYCES-CEREVISIAE YEAST
AUTHOR: NAUMOV G I; NAUMOVA T I
AUTHOR ADDRESS: ALL-UNION RES. INST. GENET. SEL. IND. MICROORG., MOSCOW,
USSR.
JOURNAL: GENETIKA 14 (1). 1978 138-144. 1978
FULL JOURNAL NAME: Genetika
CODEN: GNKAA
RECORD TYPE: Abstract
LANGUAGE: RUSSIAN

6/3/80 (Item 55 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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02417229 BIOSIS NO.: 000065074272
AFLA TOXIN PRODUCTION BY *ASPERGILLUS*-PARASITICUS IN A COMPETITIVE
ENVIRONMENT
AUTHOR: WECKBACH L S; MARTH E H
AUTHOR ADDRESS: DEP. FOOD SCI., UNIV. WIS., MADISON, WIS. 53706, USA.
JOURNAL: MYCOPATHOLOGIA 62 (1). 1977 (RECD 1978) 39-46. 1977
FULL JOURNAL NAME: Mycopathologia
CODEN: MYCPA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

6/3/81 (Item 56 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

02229842 BIOSIS NO.: 000064072368
CITRININ MYCO TOXICOSIS IN THE MOUSE
AUTHOR: JORDAN W H; CARLTON W W; SANSING G A
JOURNAL: FOOD COSMET TOXICOL 15 (1). 1977 29-34. 1977
FULL JOURNAL NAME: Food and Cosmetics Toxicology
CODEN: FCTXA
RECORD TYPE: Abstract

6/3/82 (Item 57 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

01973750 BIOSIS NO.: 000062063868
BINDING OF AFLA TOXIN B-1 AND AFLA TOXIN G-1 TO RAT LIVER CHROMATIN
AUTHOR: PRASANNA H R; GUPTA S R; VISWANATHAN L; VENKITASUBRAMANIAN T A
JOURNAL: TOXICOL APPL PHARMACOL 36 (3). 1976 503-510. 1976
FULL JOURNAL NAME: Toxicology and Applied Pharmacology
CODEN: TXAPA
RECORD TYPE: Abstract

6/3/83 (Item 58 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

01921310 BIOSIS NO.: 000062011404
SPONTANEOUS TOXIC NEPHROPATHY IN POULTRY ASSOCIATED WITH OCHRA TOXIN A
AUTHOR: ELLING F; HALD B; JACOBSEN C; KROGH P
JOURNAL: ACTA PATHOL MICROBIOL SCAND SECT A PATHOL 83 (6). 1975 (RECD 1976)
739-741. 1975
FULL JOURNAL NAME: Acta Pathologica et Microbiologica Scandinavica Section
A Pathology
CODEN: AMBPB
RECORD TYPE: Abstract

6/3/84 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

10692484 21039375
A Catharanthus roseus BPF-1 homologue interacts with an
elicitor-responsive region of the *secondary* *metabolite* biosynthetic
gene Str and is induced by elicitor via a JA-independent signal
transduction pathway.
van der Fits L; Zhang H; Menke FL; Deneka M; Memelink J
Institute of Molecular Plant Sciences, Clusius Laboratory, Leiden
University, Netherlands.
Plant molecular biology (Netherlands) Nov 2000, 44 (5) p675-85,
ISSN 0167-4412 Journal Code: A60
Languages: ENGLISH
Document type: Journal Article

6/3/85 (Item 2 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

10231216 99445168
Involvement of amfC in physiological and morphological development in
Streptomyces coelicolor A3(2).
Yonekawa T; Ohnishi Y; Horinouchi S
Department of Biotechnology, Graduate School of Agriculture and Life
Sciences, The University of Tokyo, Japan.
Microbiology (ENGLAND) Sep 1999, 145 (Pt 9) p2273-80, ISSN 1350-0872
Journal Code: BXW
Languages: ENGLISH
Document type: JOURNAL ARTICLE

6/3/86 (Item 3 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

09984630 99185278
Coordinate control of *secondary* *metabolite* production and asexual
sporulation in *Aspergillus* nidulans.
Adams TH; Yu JH
Cereon Genomics, LLC 270 Albany Sq, Cambridge, MA 02139, USA. tom.h.
adams@cereon.com
Current opinion in microbiology (ENGLAND) Dec 1998, 1 (6) p674-7,
ISSN 1369-5274 Journal Code: DAY
Languages: ENGLISH
Document type: JOURNAL ARTICLE; REVIEW; REVIEW, TUTORIAL

6/3/87 (Item 4 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

09982525 99286139
Functional genomic technologies: creating new paradigms for fundamental

and applied biology.

Kao CM
Department of Biochemistry, Stanford University School of Medicine,
Stanford, California 94305-5307, USA.
Biotechnology progress (UNITED STATES) May-Jun 1999, 15 (3) p304-11,
ISSN 8756-7938 Journal Code: ALG
Languages: ENGLISH
Document type: JOURNAL ARTICLE

6/3/88 (Item 5 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

07882734 94164860
The soraphens: a family of novel antifungal compounds from *Sorangium
cellulosum* (Myxobacteria). I. Soraphen A1 alpha: fermentation, isolation,
biological properties.
Gerth K; Bedorf N; Irschik H; Hofle G; Reichenbach H
GBF, Gesellschaft fur Biotechnologische Forschung, Arbeitsgruppe
Mikrobielle Sekundarstoffe, Braunschweig, Federal Republic of Germany.
Journal of antibiotics (JAPAN) Jan 1994, 47 (1) p23-31, ISSN
0021-8820 Journal Code: HCF
Languages: ENGLISH
Document type: JOURNAL ARTICLE

6/3/89 (Item 6 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

07791005 94089686
Isolation of an *Arabidopsis thaliana* gene encoding cycloartenol synthase
by functional expression in a yeast mutant lacking lanosterol synthase by
the use of a chromatographic screen.
Corey EJ; Matsuda SP; Bartel B
Department of Chemistry, Harvard University, Cambridge, MA 02138.
Proceedings of the National Academy of Sciences of the United States of
America (UNITED STATES) Dec 15 1993, 90 (24) p11628-32, ISSN 0027-8424
Journal Code: PV3
Languages: ENGLISH
Document type: JOURNAL ARTICLE

6/3/90 (Item 7 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

06737608 91313863
Novel occurrence of cyclopiazonic acid in sunflower seeds.
Ross PF; Rice LG; Casper HH; Crenshaw JD; Richard JL
Animal and Plant Health Inspection Service, Science and Technology,
National Veterinary Services Laboratories, Ames, IA 50010.
Veterinary and human toxicology (UNITED STATES) Jun 1991, 33 (3)
p284-5, ISSN 0145-6296 Journal Code: XBV
Languages: ENGLISH
Document type: JOURNAL ARTICLE

6/3/91 (Item 8 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

03834789 82103936
Biogenesis of the C20 polyketide, aflatoxin. A review.
Applebaum RS; Marth EH
Mycopathologia (NETHERLANDS) Nov 11 1981, 76 (2) p103-14, ISSN
0369-299X Journal Code: NO4
Languages: ENGLISH
Document type: JOURNAL ARTICLE; REVIEW

?

PLEASE ENTER A COMMAND OR BE LOGGED OFF IN 5 MINUTES
?ds

Set	Items	Description
S1	35	SECONDARY(W)METABOLITE AND YEAST
S2	119	SECONDARY(W)METABOLITE AND ASPERGILLUS
S3	17	SECONDARY(W)METABOLITE AND SACCHAROMYCES
S4	1795194	INCREASE OR IMPROVE(W)PRODUCTION OR YIELD
S5	138	S4 AND S1 OR S2 OR S3
S6	91	RD (unique items)

?s s6
S7 91 S6
?t/9/44,86

7/9/44 (Item 19 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

09658347 BIOSIS NO.: 199598113265
Resistance to the branched-chain amino acid analog trifluoroleucine and
secondary *metabolite* production in *Saccharomyces* cerevisiae.
AUTHOR: Casalone E(a); Fia G; Barberio C; Poisinelli M
AUTHOR ADDRESS: (a)Biochem. Sci. Inst., Chieti Univ., Via dei Vestini,
66100 Chieti**Italy
JOURNAL: Mededelingen Faculteit Landbouwkundige en Toegepaste Biologische
Wetenschappen Universiteit Gent 59 (4A-B):p1825-1827 1994
CONFERENCE/MEETING: Eighth Forum for Applied Biotechnology Brugge, Belgium
September 28-30, 1994
RECORD TYPE: Citation
LANGUAGE: English
DESCRIPTORS:

MAJOR CONCEPTS: Biochemistry and Molecular Biophysics; Bioenergetics
(Biochemistry and Molecular Biophysics); Cell Biology; Development;
Foods; Genetics; Metabolism; Methods and Techniques
BIOSYSTEMATIC NAMES: Ascomycetes--Fungi, Plantae
ORGANISMS: *Saccharomyces* cerevisiae (Ascomycetes)
BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): fungi; microorganisms;
nonvascular plants; plants
MISCELLANEOUS TERMS: FLAVOR; GENETICS; MEETING PAPER; MEETING POSTER;
MUTATION; QUALITY; SECONDARY METABOLITES; WINE FERMENTATION

CONCEPT CODES:

02504	Cytology and Cytochemistry-Plant
03504	Genetics and Cytogenetics-Plant
10010	Comparative Biochemistry, General
10050	Biochemical Methods-General
10060	Biochemical Studies-General
10064	Biochemical Studies-Proteins, Peptides and Amino Acids
10068	Biochemical Studies-Carbohydrates
10504	Biophysics-General Biophysical Techniques
10506	Biophysics-Molecular Properties and Macromolecules
13002	Metabolism-General Metabolism; Metabolic Pathways
13003	Metabolism-Energy and Respiratory Metabolism
13004	Metabolism-Carbohydrates
13512	Food Technology-Malts, Brews and Other Fermentation Products
13530	Food Technology-Evaluations of Physical and Chemical Properties (1970-)
13532	Food Technology-Preparation, Processing and Storage (1970-)
32000	Microbiological Apparatus, Methods and Media
39003	Food and Industrial Microbiology-Food and Beverage Fermentation (1970-)
51508	Plant Physiology, Biochemistry and Biophysics-Respiration, Fermentation
51510	Plant Physiology, Biochemistry and Biophysics-Growth, Differentiation
51519	Plant Physiology, Biochemistry and Biophysics-Metabolism
51524	Plant Physiology, Biochemistry and Biophysics-Apparatus and Methods
00520	General Biology-Symposia, Transactions and Proceedings of Conferences, Congresses, Review Annuals

BIOSYSTEMATIC CODES:

15100 Ascomycetes

7/9/86 (Item 3 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

09984630 99185278

Coordinate control of *secondary* *metabolite* production and asexual sporulation in *Aspergillus* nidulans.

Adams TH; Yu JH
Cereon Genomics, LLC 270 Albang Sq, Cambridge, MA 02139, USA. tom.h.adams@cereon.com

Current opinion in microbiology (ENGLAND) Dec 1998, 1 (6) p674-7,
ISSN 1369-5274 Journal Code: DAY

Languages: ENGLISH

Document type: JOURNAL ARTICLE; REVIEW; REVIEW, TUTORIAL

JOURNAL ANNOUNCEMENT: 9910

Subfile: INDEX MEDICUS

Microbial *secondary* *metabolite* production is frequently associated with developmental processes such as sporulation, but there are few cases where this correlation is understood. Recent work with the filamentous fungus *Aspergillus* nidulans has provided new insights into the mechanisms coordinating production of the toxic *secondary* *metabolite* sterigmatocystin with asexual sporulation. These processes have been shown to be linked through a common need to inactivate a heterotrimeric G protein dependent signaling pathway that, when active, serves to stimulate growth while blocking both sporulation and sterigmatocystin biosynthesis. (38 Refs.)

Descriptors: *Aspergillus* nidulans--Physiology--PH; *Gene Expression Regulation, Fungal; *Sterigmatocystin--Biosynthesis--BI; *Aspergillus* nidulans--Genetics--GE; *Aspergillus* nidulans--Metabolism--ME; Genes, Fungal; Reproduction--Physiology--PH; Spores, Fungal--Genetics--GE; Spores, Fungal--Physiology--PH

CAS Registry No.: 10048-13-2 (Sterigmatocystin)

?ds

Set	Items	Description
S1	35	SECONDARY(W)METABOLITE AND YEAST
S2	119	SECONDARY(W)METABOLITE AND ASPERGILLUS
S3	17	SECONDARY(W)METABOLITE AND SACCHAROMYCES
S4	1795194	INCREASE OR IMPROVE(W)PRODUCTION OR YIELD
S5	138	S4 AND S1 OR S2 OR S3
S6	91	RD (unique items)
S7	91	S6

?logoff

20may01 09:52:04 User259980 Session D119.2
\$3.44 0.478 DialUnits File71
\$23.75 25 Type(s) in Format 3
\$3.00 2 Type(s) in Format 9
\$26.75 27 Types
\$30.19 Estimated cost File71
\$5.63 1.005 DialUnits File5
\$95.70 58 Type(s) in Format 3
\$4.95 3 Type(s) in Format 9
\$100.65 61 Types
\$106.28 Estimated cost File5
\$2.13 0.664 DialUnits File155
\$1.60 8 Type(s) in Format 3
\$0.20 1 Type(s) in Format 9
\$1.80 9 Types
\$3.93 Estimated cost File155
\$1.48 0.103 DialUnits File434
\$1.48 Estimated cost File434
OneSearch, 4 files, 2.251 DialUnits FileOS
\$1.10 TYMNET
\$142.98 Estimated cost this search
\$143.41 Estimated total session cost 2.370 DialUnits

Status: Signed Off. (22 minutes)

```

### Status: Path 1 of [Dialog Information Services via Modem]

### Status: Initializing TCP/IP using (UseTelnetProto 1 ServiceID pto-dialog)
Trying 3106900061...Open

DIALOG INFORMATION SERVICES
PLEASE LOGON:
***** HHHHHHHH SSSSSSSS?
### Status: Signing onto Dialog
*****
ENTER PASSWORD:
***** HHHHHHHH SSSSSSSS?PWZ0bgdt *****
Welcome to DIALOG
### Status: Connected

```

Dialog level 00.12.12D

```

Last logoff: 20may01 09:52:04
Logon file001 20may01 11:15:39
KWIC is set to 50.
HILIGHT set on as '*'
* * *

```

```

File 1:ERIC 1966-2001/May 08
(c) format only 2001 The Dialog Corporation

```

Set	Items	Description
---	----	-----
?b 71,	5, 155, 434	
	20may01 11:15:50	User259980 Session D120.1
	\$0.41	0.118 DialUnits File1
	\$0.41	Estimated cost File1
	\$0.01	TYMNET
	\$0.42	Estimated cost this search
	\$0.42	Estimated total session cost 0.118 DialUnits

```

SYSTEM:OS - DIALOG OneSearch
File 71:ELSEVIER BIOBASE 1994-2001/May W4
(c) 2001 Elsevier Science B.V.
File 5:Biosis Previews(R) 1969-2001/May W2
(c) 2001 BIOSIS
File 155:MEDLINE(R) 1966-2001/May W5
(c) format only 2000 Dialog Corporation
*File 155: Medline has now updated. For further information
see Help News155.
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info

```

Set	Items	Description
---	----	-----
?s improve(w)production or yield		
	195374	IMPROVE
	945925	PRODUCTION
	126	IMPROVE(W)PRODUCTION
	312041	YIELD
	S1 312143	IMPROVE(W)PRODUCTION OR YIELD
?s s1 and polyketides		
	312143	S1
	574	POLYKETIDES
	S2 23	S1 AND POLYKETIDES
?rd		
...completed examining records		
	S3 12	RD (unique items)
?t/3/all		

```

3/3/1 (Item 1 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

```

01200121 1999178205
Impact of thioesterase activity on tylosin biosynthesis in *Streptomyces*
fradiae
Butler A.R.; Bate N.; Cundliffe E.
ADDRESS: E. Cundliffe, Department of Biochemistry, University of Leicester,
Leicester LE1 7RH, United Kingdom
EMAIL: ec13@le.ac.uk
Journal: Chemistry and Biology, 6/5 (287-292), 1999, United Kingdom
CODEN: CBOLE
ISSN: 1074-5521
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 27

3/3/2 (Item 2 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00968181 1998198822
Engineered biosynthesis of novel *polyketides* from *Streptomyces* spore
pigment polyketide synthases
Yu T.-W.; Shen Y.; McDaniel R.; Floss H.G.; Khosla C.; Hopwood D.A.; Moore
B.S.
ADDRESS: B.S. Moore, Department of Chemistry, Box 351700, University of
Washington, Seattle, WA 98195-1700, United States
EMAIL: bmoore@chem.washington.edu
Journal: Journal of the American Chemical Society, 120/31 (7749-7759), 1998
, United States
PUBLICATION DATE: August 12, 1998
CODEN: JACSA
ISSN: 0002-7863
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

3/3/3 (Item 3 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00828490 1998067568
Metabolic engineering: Techniques for analysis of targets for genetic
manipulations
Nielsen J.
ADDRESS: J. Nielsen, Center for Process Biotechnology, Department of
Biotechnology, Technical University of Denmark, DK-2800 Lyngby,
Denmark
EMAIL: jn@ibt.dtu.dk
Journal: Biotechnology and Bioengineering, 58/2-3 (125-132), 1998, United
States
PUBLICATION DATE: May 5, 1998
CODEN: BIBIA
ISSN: 0006-3592
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 38

3/3/4 (Item 4 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00504990 97004669
A hybrid modular polyketide synthase obtained by domain swapping
Oliynyk M.; Brown M.J.B.; Cortes J.; Staunton J.; Leadlay P.F.
ADDRESS: P.F. Leadlay, Department of Biochemistry, Cambridge Molecular
Recognition Ctr., University of Cambridge, Cambridge CB2 1QW,
United Kingdom
Journal: Chemistry and Biology, 3/10 (833-839), 1996, United Kingdom
PUBLICATION DATE: 19960000

CODEN: CBOLE
ISSN: 1074-5521
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

3/3/5 (Item 5 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00392230 96086648
Deciphering the mechanism for the assembly of aromatic *polyketides* by a
bacterial polyketide synthase
Shen B.; Hutchinson C.R.
ADDRESS: C.R. Hutchinson, School of Pharmacy, University of Wisconsin, 425
North Charter Street, Madison, WI 53706, United States
Journal: Proceedings of the National Academy of Sciences of the United
States of America, 93/13 (6600-6604), 1996, United States
PUBLICATION DATE: 19960000
CODEN: PNAS
ISSN: 0027-8424
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

3/3/6 (Item 6 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00147710 94140148
Engineered biosynthesis of novel *polyketides*: Stereochemical course of
two reactions catalyzed by a polyketide synthase
Fu H.; McDaniel R.; Hopwood D.A.; Khosla C.
ADDRESS: C. Khosla, Department of Chemical Engineering, Stanford
University, Stanford, CA 94305-5025, United States
Journal: Biochemistry, 33/31 (9321-9326), 1994, United States
PUBLICATION DATE: 19940000
CODEN: BICHA
ISSN: 0006-2960
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

3/3/7 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12619796 BIOSIS NO.: 200000373298
Biosynthesis of the polyene antifungal antibiotic nystatin in *Streptomyces*
noursei ATCC 11455: Analysis of the gene cluster and deduction of the
biosynthetic pathway.
AUTHOR: Brautaset Trygve; Sekurova Olga N; Sletta Havard; Ellingsen Trond E
; Strom Arne R; Valla Svein; Zotchev Sergey B(a)
AUTHOR ADDRESS: (a)UNIGEN Center for Molecular Biology and Department of
Biotechnology, Norwegian University of Science and Technology, N-7489,
Trondheim**Norway
JOURNAL: Chemistry & Biology (London) 7 (6):p395-403 June, 2000
MEDIUM: print
ISSN: 1074-5521
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

3/3/8 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12401029 BIOSIS NO.: 200000154531
A two-vector system for the production of recombinant *polyketides* in

Streptomyces.
AUTHOR: Ziermann R; Betlach M C(a)
AUTHOR ADDRESS: (a)Kosan Biosciences, Inc, 3832 Bay Center Place, Hayward,
CA, 94545**USA
JOURNAL: Journal of Industrial Microbiology & Biotechnology. 24 (1):p46-50
Jan., 2000
ISSN: 1367-5435
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

3/3/9 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

07639294 BIOSIS NO.: 000092009238
BIOSYNTHESIS OF PIGMENTS VIA THE POLYKETIDE PATHWAY AS A WAY TO REGULATE
THE OXIDATIVE METABOLISM OF STREPTOMYCES CULTURES PRODUCING THESE
PIGMENTS
AUTHOR: TRUTKO S M; AKIMENKO V K
AUTHOR ADDRESS: INST. BIOCHEM. PHYSIOL. MICROORG., ACAD. SCI. USSR,
PUSHCHINO, USSR.
JOURNAL: MIKROBIOLOGIYA 59 (6). 1990. 942-947. 1990
FULL JOURNAL NAME: Mikrobiologiya
CODEN: MIKBA
RECORD TYPE: Abstract
LANGUAGE: RUSSIAN

3/3/10 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

08597989 98044640
Engineered biosynthesis of novel *polyketides*: evidence for temporal,
but not regiospecific, control of cyclization of an aromatic polyketide
precursor.
Fu H; Hopwood DA; Khosla C
Department of Chemical Engineering, Stanford University, CA 94305-5025,
USA.
Chemistry & biology (ENGLAND) Dec 1994, 1 (4) p205-10, ISSN 1074-5521
Journal Code: CNA
Languages: ENGLISH
Document type: JOURNAL ARTICLE

3/3/11 (Item 2 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

06281979 90047071
Antibiotics: opportunities for genetic manipulation.
Hopwood DA
John Innes Institute, Norwich, U.K.
Philosophical transactions of the Royal Society of London. Series B:
Biological sciences (ENGLAND) Aug 31 1989, 324 (1224) p549-62, ISSN
0962-8436 Journal Code: P5Z
Languages: ENGLISH
Document type: JOURNAL ARTICLE; REVIEW; REVIEW LITERATURE

3/3/12 (Item 3 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

06050536 87144590
Homology between Streptomyces genes coding for synthesis of different
polyketides used to clone antibiotic biosynthetic genes.
Malpartida F; Hallam SE; Kieser HM; Motamedi H; Hutchinson CR; Butler MJ;

Sugden DA; Warren M; McKillop C; Bailey CR; et al
Nature (ENGLAND) Feb 26-Mar 4 1987, 325 (6107) p818-21, ISSN
0028-0836 Journal Code: NSC
Contract/Grant No.: CA35381, CA, NCI
Languages: ENGLISH
Document type: JOURNAL ARTICLE

?s s1 and polyketide
312143 S1
2637 POLYKETIDE
S4 66 S1 AND POLYKETIDE

?rd
...examined 50 records (50)
...completed examining records
S5 38 RD (unique items)
?t/3/all

5/3/1 (Item 1 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

01705652 2001077872
A multifunctional *polyketide*-peptide synthetase essential for albicidin
biosynthesis in *Xanthomonas albilineans*
Huang G.; Zhang L.; Birch R.G.
ADDRESS: R.G. Birch, Department of Botany, The University of Queensland,
Brisbane, QLD 4072, Australia
EMAIL: r.birch@botany.uq.edu.au
Journal: Microbiology, 147/3 (631-642), 2001, United Kingdom
CODEN: MROBE
ISSN: 1350-0872
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 57

5/3/2 (Item 2 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

01460856 2000098998
A defined system for hybrid macrolide biosynthesis in *Saccharopolyspora*
erythraea
Gaisser S.; Reather J.; Wirtz G.; Kellenberger L.; Staunton J.; Leadlay
P.F.
ADDRESS: P.F. Leadlay, Cambridge Centre Mol. Recognition, Department of
Biochemistry, University of Cambridge, 80 Tennis Court Road,
Cambridge CB2 1GA, United Kingdom
EMAIL: pfl10@mole.bio.cam.ac.uk
Journal: Molecular Microbiology, 36/2 (391-401), 2000, United Kingdom
CODEN: MOMIE
ISSN: 0950-382X
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 40

5/3/3 (Item 3 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

01321138 1999164531
Improvement of red pigment/citrinin production ratio as a function of
environmental conditions by *Monascus ruber*
Hajjaj H.; Blanc P.J.; Groussac E.; Goma G.; Uribe Larrea J.L.; Loubiere P.
ADDRESS: P.J. Blanc, Lab. Biotechnologie et Bioprocédés, UMR CNRS/INSA
5504, LA INRA, F-31077 Toulouse Cedex 04, France
EMAIL: blanc@insa-tlse.fr
Journal: Biotechnology and Bioengineering, 64/4 (497-501), 1999, United
States
PUBLICATION DATE: August 20, 1999
CODEN: BIBIA

ISSN: 0006-3592
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 26

5/3/4 (Item 4 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

01200121 1999178205
Impact of thioesterase activity on tylosin biosynthesis in *Streptomyces fradiae*
Butler A.R.; Bate N.; Cundliffe E.
ADDRESS: E. Cundliffe, Department of Biochemistry, University of Leicester,
Leicester LE1 7RH, United Kingdom
EMAIL: ec13@le.ac.uk
Journal: Chemistry and Biology, 6/5 (287-292), 1999, United Kingdom
CODEN: CBOLE
ISSN: 1074-5521
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 27

5/3/5 (Item 5 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00968181 1998198822
Engineered biosynthesis of novel polyketides from *Streptomyces* spore
pigment *polyketide* synthases
Yu T.-W.; Shen Y.; McDaniel R.; Floss H.G.; Khosla C.; Hopwood D.A.; Moore
B.S.
ADDRESS: B.S. Moore, Department of Chemistry, Box 351700, University of
Washington, Seattle, WA 98195-1700, United States
EMAIL: bmoore@chem.washington.edu
Journal: Journal of the American Chemical Society, 120/31 (7749-7759), 1998
, United States
PUBLICATION DATE: August 12, 1998
CODEN: JACSA
ISSN: 0002-7863
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

5/3/6 (Item 6 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00898306 1998136982
Plant *polyketide* synthases: A chalcone synthase-type enzyme which
performs a condensation reaction with methylmalonyl-CoA in the
biosynthesis of C-methylated chalcones
Schroder J.; Raiber S.; Berger T.; Schmidt A.; Schmidt J.; Soares-Sello
A.M.; Bardshiri E.; Strack D.; Simpson T.J.; Veit M.; Schroder G.
ADDRESS: J. Schroder, Institut fur Biologie II, Universitat Freiburg,
Schanzlestrasse 1, D-79104 Freiburg, Germany
EMAIL: jschroe@ruf.uni-freiburg.de
Journal: Biochemistry, 37/23 (8417-8425), 1998, United States
PUBLICATION DATE: June 9, 1998
CODEN: BICHA
ISSN: 0006-2960
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 48

5/3/7 (Item 7 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00807968 1998044762
Characterization of Sfp, a *Bacillus subtilis* phosphopantetheinyl
transferase for peptidyl carrier protein domains in peptide synthetases
Quadri L.E.N.; Weinreb P.H.; Lei M.; Nakano M.M.; Zuber P.; Walsh C.T.
ADDRESS: C.T. Walsh, Department of Biological Chemistry, Molecular
Pharmacology, Harvard Medical School, Boston, MA 02115, United
States
EMAIL: walsh@walsh.med.harvard.edu
Journal: Biochemistry, 37/6 (1585-1595), 1998, United States
PUBLICATION DATE: February 10, 1998
CODEN: BICHA
ISSN: 0006-2960
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 42

5/3/8 (Item 8 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00726086 97230494
Acyltransferase domain substitutions in erythromycin *polyketide* synthase
yield novel erythromycin derivatives
Roan X.; Pereda A.; Stassi D.L.; Zeidner D.; Summers R.G.; Jackson M.;
Shivakumar A.; Kakavas S.; Staver M.J.; Donadio S.; Katz L.
ADDRESS: L. Katz, Abbott Laboratories, 100 Abbott Park Road, Abbott Park,
IL 60064, United States
EMAIL: leonard.katz@abbott.com
Journal: Journal of Bacteriology, 179/20 (6416-6425), 1997, United States
PUBLICATION DATE: 19970000
CODEN: JOBAA
ISSN: 0021-9193
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 44

5/3/9 (Item 9 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00586457 97089284
Ability of *Streptomyces* spp. acyl carrier proteins and coenzyme A analogs
to serve as substrates in vitro for *E. coli* holo-ACP synthase
Gehring A.M.; Lambalot R.H.; Vogel K.W.; Drueckhammer D.G.; Walsh C.T.
ADDRESS: C.T. Walsh, DBCMP, Harvard Medical School, 240 Longwood Avenue,
Boston, MA 02115, United States
EMAIL: walsh@walsh.med.harvard.edu
Journal: Chemistry and Biology, 4/1 (17-24), 1997, United Kingdom
PUBLICATION DATE: 19970000
CODEN: CBOLE
ISSN: 1074-5521
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 19

5/3/10 (Item 10 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00506284 97005963
Characterisation of genes involved in biosynthesis of coronafacic acid, the
polyketide component of the phytotoxin coronatine
Penfold C.N.; Bender C.L.; Turner J.G.
ADDRESS: J.G. Turner, Molecular Biology Sector, School of Biological
Sciences, University of East Anglia, Norwich NR4 7TJ, United
Kingdom
EMAIL: j.g.turner(@)uea.ac.uk

Journal: Gene, 183/1-2 (167-173), 1996, Netherlands
PUBLICATION DATE: 19960000
CODEN: GENED
ISSN: 0378-1119
PUBLISHER ITEM IDENTIFIER: S0378111996005501
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 45

5/3/11 (Item 11 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00504990 97004669
A hybrid modular *polyketide* synthase obtained by domain swapping
Oliynyk M.; Brown M.J.B.; Cortes J.; Staunton J.; Leadlay P.F.
ADDRESS: P.F. Leadlay, Department of Biochemistry, Cambridge Molecular
Recognition Ctr., University of Cambridge, Cambridge CB2 1QW,
United Kingdom
Journal: Chemistry and Biology, 3/10 (833-839), 1996, United Kingdom
PUBLICATION DATE: 19960000
CODEN: CBOLE
ISSN: 1074-5521
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

5/3/12 (Item 12 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00504989 97004668
A functional chimeric modular *polyketide* synthase generated via domain
replacement
Bedford D.; Jacobsen J.R.; Luo G.; Cane D.E.; Khosla C.
ADDRESS: D.E. Cane, Department of Chemistry, Brown University, Box H,
Providence, RI 02912, United States
Journal: Chemistry and Biology, 3/10 (827-831), 1996, United Kingdom
PUBLICATION DATE: 19960000
CODEN: CBOLE
ISSN: 1074-5521
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

5/3/13 (Item 13 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00392230 96086648
Deciphering the mechanism for the assembly of aromatic polyketides by a
bacterial *polyketide* synthase
Shen B.; Hutchinson C.R.
ADDRESS: C.R. Hutchinson, School of Pharmacy, University of Wisconsin, 425
North Charter Street, Madison, WI 53706, United States
Journal: Proceedings of the National Academy of Sciences of the United
States of America, 93/13 (6600-6604), 1996, United States
PUBLICATION DATE: 19960000
CODEN: PNASA
ISSN: 0027-8424
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

5/3/14 (Item 14 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00270740 95066207
Streptomyces peucetius daumorubicin biosynthesis gene, dnrF: Sequence and

heterologous expression
Filippini S.; Solinas M.M.; Breime U.; Schluter M.B.; Gabellini D.; Biamonti
G.; Colombo A.L.; Garofano L.
ADDRESS: S. Filippini, BioScience Center Pharmacia, Via Papa Giovanni XXIII
23, 20014 Nerviano (Mi), Italy
Journal: Microbiology, 141/4 (1007-1016), 1995, United Kingdom
PUBLICATION DATE: 19950000
CODEN: MROBE
ISSN: 1350-0872
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

5/3/15 (Item 15 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00147710 94140148
Engineered biosynthesis of novel polyketides: Stereochemical course of two
reactions catalyzed by a *polyketide* synthase
Fu H.; McDaniel R.; Hopwood D.A.; Khosla C.
ADDRESS: C. Khosla, Department of Chemical Engineering, Stanford
University, Stanford, CA 94305-5025, United States
Journal: Biochemistry, 33/31 (9321-9326), 1994, United States
PUBLICATION DATE: 19940000
CODEN: BICHA
ISSN: 0006-2960
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

5/3/16 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12619796 BIOSIS NO.: 200000373298
Biosynthesis of the polyene antifungal antibiotic nystatin in *Streptomyces*
noursei ATCC 11455: Analysis of the gene cluster and deduction of the
biosynthetic pathway.
AUTHOR: Brautaset Trygve; Sekurova Olga N; Sletta Havard; Ellingsen Trond E
; Strom Arne R; Valla Svein; Zotchev Sergey B(a)
AUTHOR ADDRESS: (a)UNIGEN Center for Molecular Biology and Department of
Biotechnology, Norwegian University of Science and Technology, N-7489,
Trondheim**Norway
JOURNAL: Chemistry & Biology (London) 7 (6):p395-403 June, 2000
MEDIUM: print
ISSN: 1074-5521
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

5/3/17 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12474210 BIOSIS NO.: 200000227712
Insertional inactivation of mtrX and mtrY genes from the mithramycin gene
cluster affects production and growth of the producer organism
Streptomyces argillaceus.
AUTHOR: Garcia-Bernardo Jose; Brana Alfredo F; Mendez Carmen; Salas Jose A
(a)
AUTHOR ADDRESS: (a)Departamento de Biologia Funcional, Instituto
Universitario de Oncologia del Principado de Asturias (I.U.O.P.A),
Universidad de Oviedo, 33006, Oviedo**Spain
JOURNAL: FEMS Microbiology Letters 186 (1):p61-65 May 1, 2000
ISSN: 0378-1097
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

SUMMARY LANGUAGE: English

5/3/18 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12401029 BIOSIS NO.: 200000154531
A two-vector system for the production of recombinant polyketides in
Streptomyces.
AUTHOR: Ziermann R; Betlach M C(a)
AUTHOR ADDRESS: (a)Kosan Biosciences, Inc, 3832 Bay Center Place, Hayward,
CA, 94545**USA
JOURNAL: Journal of Industrial Microbiology & Biotechnology. 24 (1):p46-50
Jan., 2000
ISSN: 1367-5435
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

5/3/19 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12188716 BIOSIS NO.: 199900483565
Contribution of molecular genetics to the antibiotics research.
AUTHOR: Deng Zixin(a); Zhou Xiufen(a)
AUTHOR ADDRESS: (a)Huazhong Agricultural University, Wuhan, 430070**China
JOURNAL: Zhongguo Kangshengsu Zazhi 24 (2):p81-85 1999
ISSN: 1001-8689
DOCUMENT TYPE: Literature Review
RECORD TYPE: Abstract
LANGUAGE: Chinese; Non-English
SUMMARY LANGUAGE: Chinese; English

5/3/20 (Item 5 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11379042 BIOSIS NO.: 199800160374
Characterization of Sfp, a Bacillus subtilis phosphopantetheinyl
transferase for peptidyl carrier protein domains in peptide synthetases.
AUTHOR: Quadri Luis E N; Weinreb Paul H; Lei Ming; Nakano Michiko M; Zuber
Peter; Walsh Christopher T(a)
AUTHOR ADDRESS: (a)Dep. Biol. Chem. Mol. Pharmacol., Harv. Med. Sch.,
Boston, MA 02115**USA
JOURNAL: Biochemistry 37 (6):p1585-1595 Feb. 10, 1998
ISSN: 0006-2960
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

5/3/21 (Item 6 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

10833210 BIOSIS NO.: 199799454355
Effect of solid substrate, liquid supplement, and harvest time on
6-n-pentyl-2H-pyran-2-one (6PAP) production by Trichoderma spp.
AUTHOR: Cooney J M(a); Lauren D R; Jensen D J; Perry-Meyer L J
AUTHOR ADDRESS: (a)HortResearch, Ruakura Research Centre, Private Bag 3123,
Hamilton**New Zealand
JOURNAL: Journal of Agricultural and Food Chemistry 45 (2):p531-534 1997
ISSN: 0021-8561
RECORD TYPE: Abstract
LANGUAGE: English

5/3/22 (Item 7 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

08935399 BIOSIS NO.: 199396086900
An erythromycin analog produced by reprogramming of *polyketide* synthesis.
AUTHOR: Donadio Stefano(a); McAlpine James B; Sheldon Paul J; Jackson
Marianna; Katz Leonard
AUTHOR ADDRESS: (a)Lepetit Res. Cent., via R. Lepetit 34, 21040 Gerenzano**
Italy
JOURNAL: Proceedings of the National Academy of Sciences of the United
States of America 90 (15):p7119-7123 1993
ISSN: 0027-8424
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

5/3/23 (Item 8 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

08881393 BIOSIS NO.: 199396032894
Effects of environmental and nutritional factors on production of the
polyketide phytotoxin coronatine by Pseudomonas syringae pv. glycinea.
AUTHOR: Palmer David A; Bender Carol L(a)
AUTHOR ADDRESS: (a)Dep. Plant Pathol., Okla. State Univ., Stillwater, OK
74078-9974**USA
JOURNAL: Applied and Environmental Microbiology 59 (5):p1619-1626 1993
ISSN: 0099-2240
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

5/3/24 (Item 9 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

07927550 BIOSIS NO.: 000093015948
PLASMID EFFECTS ON SECONDARY METABOLITE PRODUCTION BY A STREPTOMYCETE
SYNTHESIZING AN ANTHELMINTIC MACROLIDE
AUTHOR: THOMAS D I; COVE J H; BAUMBERG S; JONES C A; RUDD B A M
AUTHOR ADDRESS: DEP. MICROBIOL., UNIV. LEEDS, LEEDS LS2 9JT.
JOURNAL: J GEN MICROBIOL 137 (10). 1991. 2331-2338. 1991
FULL JOURNAL NAME: Journal of General Microbiology
CODEN: JGMIA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

5/3/25 (Item 10 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

07639294 BIOSIS NO.: 000092009238
BIOSYNTHESIS OF PIGMENTS VIA THE *POLYKETIDE* PATHWAY AS A WAY TO REGULATE
THE OXIDATIVE METABOLISM OF STREPTOMYCES CULTURES PRODUCING THESE
PIGMENTS
AUTHOR: TRUTKO S M; AKIMENKO V K
AUTHOR ADDRESS: INST. BIOCHEM. PHYSIOL. MICROORG., ACAD. SCI. USSR,
PUSHCHINO, USSR.
JOURNAL: MIKROBIOLOGIYA 59 (6). 1990. 942-947. 1990
FULL JOURNAL NAME: Mikrobiologiya
CODEN: MIKBA
RECORD TYPE: Abstract
LANGUAGE: RUSSIAN

5/3/26 (Item 11 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

07497971 BIOSIS NO.: 000091071840
AMBRUTICIN S PRODUCTION IN AIR-LIFT AND STIRRED-TANK BIOREACTORS
AUTHOR: HOPF N W; YONSEL S; DECKWER W-D
AUTHOR ADDRESS: BIOCHEM. ENG. DIV., GBF-NATL. RES. INST. BIOTECHNOL.,
MASCHERODER WEG 1, 3300 BRAUNSCHWEIG, WEST GERMANY.
JOURNAL: APPL MICROBIOL BIOTECHNOL 34 (3). 1990. 350-353. 1990
FULL JOURNAL NAME: Applied Microbiology and Biotechnology
CODEN: AMBID
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

5/3/27 (Item 12 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

07011629 BIOSIS NO.: 000089103512
EFFECTS OF METALS ON STREPTOMYCES-COELICOLOR GROWTH AND ACTINORHODIN
PRODUCTION
AUTHOR: ABBAS A S; EDWARDS C
AUTHOR ADDRESS: DEP. GENET. MICROBIOL., LIFE SCI. BUILD., UNIV. LIVERPOOL,
CROWN ST., LIVERPOOL L69 3BX, UK.
JOURNAL: APPL ENVIRON MICROBIOL 56 (3). 1990. 675-680. 1990
FULL JOURNAL NAME: Applied and Environmental Microbiology
CODEN: AEMID
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

5/3/28 (Item 13 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

06774597 BIOSIS NO.: 000088084031
THE EFFECTS OF TEMPERATURE ON GROWTH AND PRODUCTION OF THE ANTIBIOTIC
GRANATICIN BY A THERMOTOLERANT STREPTOMYCETE
AUTHOR: JAMES P D A; EDWARDS C
AUTHOR ADDRESS: DEP. GENETICS AND MICROBIOL., LIFE SCI. BUILDING, UNIV.,
LIVERPOOL L69 3BX, UK.
JOURNAL: J GEN MICROBIOL 135 (7). 1989. 1997-2004. 1989
FULL JOURNAL NAME: Journal of General Microbiology
CODEN: JGMIA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

5/3/29 (Item 14 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

06277011 BIOSIS NO.: 000086111194
BIOMIMETIC SYNTHESIS OF PRETETRAMIDES 1. SYNTHESIS OF PRETETRAMIDE BY
TANDEM EXTENSION OF A *POLYKETIDE* CHAIN
AUTHOR: GILBREATH S G; HARRIS C M; HARRIS T M
AUTHOR ADDRESS: DEP. CHEM., VANDERBILT UNIV., NASHVILLE, TENN. 37235.
JOURNAL: J AM CHEM SOC 110 (18). 1988. 6172-6179. 1988
FULL JOURNAL NAME: Journal of the American Chemical Society
CODEN: JACSA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

5/3/30 (Item 15 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

04599285 BIOSIS NO.: 000079012322
THE REGULATORY EFFECT OF NITRATE ON THE RELATIONSHIP BETWEEN THE PRODUCTION

OF RIFAMYCIN SV AND THE BIOSYNTHESIS OF CELLULAR LIPID COMPONENTS
AUTHOR: GU W; LU X; GENG Y; LIU C; JIN Z; JIAO R
AUTHOR ADDRESS: SHANGHAI INSTITUTE PLANT PHYSIOL., ACADEMIA SINICA,
SHANGHAI.
JOURNAL: ACTA MICROBIOL SIN 23 (4). 1983 (RECD. 1984). 313-318. 1983
FULL JOURNAL NAME: Acta Microbiologica Sinica
CODEN: WSHPA
RECORD TYPE: Abstract
LANGUAGE: CHINESE

5/3/31 (Item 16 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

02404056 BIOSIS NO.: 000065061099
NEW METABOLITES FROM THE BROWN ALGA CYSTOPHORA-TORULOSA
AUTHOR: GREGSON R P; KAZLAUSKAS R; MURPHY P T; WELLS R J
AUTHOR ADDRESS: ROCHE RES. INST. MAR. PHARMACOL., P.O. BOX 255, DEE WHY,
N.S.W. 2099, AUST.
JOURNAL: AUST J CHEM 30 (11). 1977 2527-2532. 1977
FULL JOURNAL NAME: Australian Journal of Chemistry
CODEN: AJCHA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

5/3/32 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

09872415 99185232
The role of metabolic engineering in the production of secondary
metabolites.
Nielsen J
Center for Process, Biotechnology Department of Biotechnology, Technical
University of Denmark, DK-2800 Lyngby, Denmark. jn@ibt.dtu.dk
Current opinion in microbiology (ENGLAND) Jun 1998, 1 (3) p330-6,
ISSN 1369-5274 Journal Code: DAY
Languages: ENGLISH
Document type: JOURNAL ARTICLE; REVIEW; REVIEW, TUTORIAL

5/3/33 (Item 2 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

08965029 97143501
Engineering antibiotic producers to overcome the limitations of classical
strain improvement programs.
Lal R; Khanna R; Kaur H; Khanna M; Dhingra N; Lal S; Gartemann KH;
Eichenlaub R; Ghosh PK
Department of Zoology, University of Delhi, India.
Critical reviews in microbiology (UNITED STATES) 1996, 22 (4) p201-55,
ISSN 1040-841X Journal Code: AFN
Languages: ENGLISH
Document type: JOURNAL ARTICLE; REVIEW; REVIEW, TUTORIAL

5/3/34 (Item 3 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

08597989 98044640
Engineered biosynthesis of novel polyketides: evidence for temporal, but
not regiospecific, control of cyclization of an aromatic *polyketide*
precursor.
Fu H; Hopwood DA; Khosla C
Department of Chemical Engineering, Stanford University, CA 94305-5025,
USA.
Chemistry & biology (ENGLAND) Dec 1994, 1 (4) p205-10, ISSN 1074-5521

Journal Code: CNA
Languages: ENGLISH
Document type: JOURNAL ARTICLE

5/3/35 (Item 4 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

08548222 96016078
Analysis of a mycotoxin gene cluster in *Aspergillus nidulans*.
Keller NP; Adams TH
Department of Plant Pathology and Microbiology, Texas A&M University,
College Station 77843, USA.
SAAS bulletin, biochemistry and biotechnology (UNITED STATES) 1995, 8
p14-21, ISSN 1052-6781 Journal Code: ALK
Languages: ENGLISH
Document type: JOURNAL ARTICLE; REVIEW; REVIEW, TUTORIAL

5/3/36 (Item 5 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

06050536 87144590
Homology between *Streptomyces* genes coding for synthesis of different
polyketides used to clone antibiotic biosynthetic genes.
Malpartida F; Hallam SE; Kieser HM; Motamedi H; Hutchinson CR; Butler MJ;
Sugden DA; Warren M; McKillop C; Bailey CR; et al
Nature (ENGLAND) Feb 26-Mar 4 1987, 325 (6107) p818-21, ISSN
0028-0836 Journal Code: NSC
Contract/Grant No.: CA35381, CA, NCI
Languages: ENGLISH
Document type: JOURNAL ARTICLE

5/3/37 (Item 1 from file: 434)
DIALOG(R)File 434:SciSearch(R) Cited Ref Sci
(c) 1998 Inst for Sci Info. All rts. reserv.

09364477 Genuine Article#: T6744 No. References: 78
Title: SYNTHESIS OF PHEROMONES, .4. CHEMISTRY OF THE WITTIG REACTION, .1.
EFFECTS OF REACTION CONDITIONS ON THE STEREOSELECTIVITY AND *YIELD* OF
THE WITTIG REACTION
Author(s): VINCZER P; JUVANCZ Z; NOVAK L; SZANTAY C
Corporate Source: HUNGARIAN ACAD SCI,CENT RES INST CHEM,POB 17/H-1521
BUDAPEST//HUNGARY//; TECH UNIV BUDAPEST,INST ORGAN CHEM/H-1521
BUDAPEST//HUNGARY/
Journal: ACTA CHIMICA HUNGARICA, 1988, V125, N6, P797-820
Language: ENGLISH Document Type: ARTICLE

5/3/38 (Item 2 from file: 434)
DIALOG(R)File 434:SciSearch(R) Cited Ref Sci
(c) 1998 Inst for Sci Info. All rts. reserv.

08606089 Genuine Article#: M0613 No. References: 43
Title: HIGH-*YIELD* SYNTHESIS OF 20-MEMBERED, 24-MEMBERED, AND 28-MEMBERED
MACROPENTOLIDE, MACROHEXOLIDE, AND MACROHEPTOLIDE, RESPECTIVELY, FROM
(R)-3-HYDROXYBUTANOIC OR (S)-3-HYDROXYBUTANOIC ACID UNDER YAMAGUCHI
MACROLACTONIZATION CONDITIONS
Author(s): SEEBACH D; BRANDLI U; SCHNURRENBERGER P; PRZYBYLSKI M
Corporate Source: SWISS FED INST TECHNOL,ORGAN CHEM LAB,UNIV STR 16/CH-8092
ZURICH//SWITZERLAND//; UNIV MAINZ,INST ORGAN CHEM/D-6500 MAINZ//FED REP
GER/
Journal: HELVETICA CHIMICA ACTA, 1988, V71, N1, P155-167
Language: ENGLISH Document Type: ARTICLE

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312143 S1
5536 LOVASTATIN
S6 23 S1 AND LOVASTATIN

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...completed examining records
S7 17 RD (unique items)
?t/3/all

7/3/1 (Item 1 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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01594182 2000254031
Repeated fed-batch process for improving *lovastatin* production
Kumar M.S.; Jana S.K.; Senthil V.; Shashanka V.; Kumar S.V.; Sadhukhan A.K.
ADDRESS: M.S. Kumar, Fermentation Laboratory, Biotechnology R and D, Dr
Reddy's Research Foundation, Bollaram Road, Miyapur, Hyderabad 500
050, India
EMAIL: mskdrf@yahoo.com
Journal: Process Biochemistry, 36/4 (363-368), 2000, United Kingdom
CODEN: PBCHE
ISSN: 0032-9592
PUBLISHER ITEM IDENTIFIER: S0032959200002223
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 15

7/3/2 (Item 2 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00934897 1998179671
Production and purification of statins from *Aspergillus terreus* stains
Manzoni M.; Rollini M.; Bergomi S.; Cavazzoni V.
ADDRESS: M. Manzoni, Dipt di Sci.Tecno. Alimentari Micro., Sezione di
Microbiologia Industriale, Universita degli Studi, via G. Celoria
2, 20133 Milano, Italy
EMAIL: matilde.manzoni@unimi.it
Journal: Biotechnology Techniques, 12/7 (529-532), 1998, United Kingdom
CODEN: BTECE
ISSN: 0951-208X
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 7

7/3/3 (Item 3 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00852521 1998091281
Production of *lovastatin* by a wild strain of *Aspergillus terreus*
Szakacs G.; Morovjan G.; Tengerdy R.P.
ADDRESS: G. Szakacs, Dept. Agricultural Chemical Technol., Technical
University of Budapest, Gellert ter 4, Budapest 1521, Hungary
EMAIL: szakacs.mkt@chem.bme.hu
Journal: Biotechnology Letters, 20/4 (411-415), 1998, United Kingdom
PUBLICATION DATE: 19980000
CODEN: BILED
ISSN: 0141-5492
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 14

7/3/4 (Item 4 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00737356 97241968
Increased *lovastatin* formation by *Aspergillus terreus* using repeated
fed-batch process
Novak N.; Gerdin S.; Berovic M.

ADDRESS: M. Berovic, National Institute of Chemistry, Hajdrihova 19,
SI-1001 Ljubljana, Slovenia
Journal: Biotechnology Letters, 19/10 (947-948), 1997, United Kingdom
PUBLICATION DATE: 19970000
CODEN: BILED
ISSN: 0141-5492
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 4

7/3/5 (Item 5 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00010330 94032055
Differences in radiation-induced micronuclei yields of human cells:
Influence of ras gene expression and protein localization
Miller A.C.; Gafner J.; Clark E.P.; Samid D.
ADDRESS: A.C. Miller, Radiation Biochemistry Department, Armed Forces
Radiobiology, Research Institute, Bethesda, MD 20889-5145, United
States
Journal: International Journal of Radiation Biology, 64/5 (547-554), 1993,
United Kingdom
PUBLICATION DATE: 19930000
CODEN: IJRBA
ISSN: 0955-3002
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

7/3/6 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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12187369 BIOSIS NO.: 199900482218
Production of *lovastatin* with solid state fermentation of Monascus ruber.
AUTHOR: Wang Lixin(a); Mo Haitao(a); Shi Hong(a)
AUTHOR ADDRESS: (a)State Key Laboratory of Biochemical Engineering,
Institute of Chemical Metallurgy, Chinese Academy of Sciences, Beijing,
100080**China
JOURNAL: Zhongguo Kangshengsu Zazhi 24 (2):p96-98;115 1999
ISSN: 1001-8689
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: Chinese; Non-English
SUMMARY LANGUAGE: Chinese; English

7/3/7 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11608646 BIOSIS NO.: 199800390401
Production and purification of statins from Aspergillus terreus strains.
AUTHOR: Manzoni Matilde(a); Rollini Manuela; Bergomi Silvia; Cavazzoni
Valeria
AUTHOR ADDRESS: (a)Dip. Sci. Tecnol. Alimentari Microbiologiche, Sez.
Microbiologia Industriale, Univ. Studi, via G**Italy
JOURNAL: Biotechnology Techniques 12 (7):p529-532 July, 1998
ISSN: 0951-208X
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

7/3/8 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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09071184 BIOSIS NO.: 199497079554

Biotransformation of *lovastatin*: V. Species differences in in vivo
metabolite profiles of mouse, rat, dog, and human.
AUTHOR: Halpin Rita A(a); Ulm Edgar H; Till Alice E; Kari Prasad H; Vyas
Kamlesh P; Hunninghake Donald B; Duggan Daniel E
AUTHOR ADDRESS: (a)Dep. Drug Metabolism, WP26A-2044, Merck Res. Lab., West
Point, PA 19486**USA
JOURNAL: Drug Metabolism and Disposition 21 (6):p1003-1011 1993
ISSN: 0090-9556
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

7/3/9 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

08850731 BIOSIS NO.: 199396002232
Depleting cell cholesterol alters calcium-induced assembly of tight
junctions by monolayers of MDCK cells.
AUTHOR: Lynch Robert D; Tkachuk Laura J; Ji Xiaorong; Rabito Carlos A;
Schneeberger Eveline E(a)
AUTHOR ADDRESS: (a)Dep. Pathol., Cox Build. 5, Mass. General Hosp., Boston,
MA 92114**USA
JOURNAL: European Journal of Cell Biology 60 (1):p21-30 1993
ISSN: 0171-9335
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

7/3/10 (Item 5 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

08374112 BIOSIS NO.: 000094104616
REPRODUCIBILITY OF NONINVASIVE ULTRASONIC MEASUREMENT OF CAROTID
ATHEROSCLEROSIS THE ASYMPTOMATIC CAROTID ARTERY PLAQUE STUDY
AUTHOR: RILEY W A; BARNES R W; APPELEGATE W B; DEMPSEY R; HARTWELL T; DAVIS
V G; BOND M G; FURBERG C D
AUTHOR ADDRESS: DEP. NEUROL., BOWMAN GRAY SCH. MED., MEDICAL CENTER
BOULEVARD, WINSTON-SALEM, N.C. 27157-1078.
JOURNAL: STROKE 23 (8). 1992. 1062-1068. 1992
FULL JOURNAL NAME: Stroke
CODEN: SJCCA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

7/3/11 (Item 6 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

08287992 BIOSIS NO.: 000094059290
CAN REGRESSION OF CORONARY ARTERIOSCLEROSIS BE ACHIEVED BY TREATING FAT
METABOLISM DISORDERS? FIRST CLINICAL FINDINGS AND METHODOICAL PROBLEMS
AUTHOR: VON ESSEN R
AUTHOR ADDRESS: STIFTSKLINIK AUGUSTINUM, FACHKLINIK INNERE MED., WOLKERWEG
16, W-8000 MUENCHEN 70, GER.
JOURNAL: INTERNIST 33 (1). 1992. 62-66. 1992
FULL JOURNAL NAME: Internist
CODEN: INTEA
RECORD TYPE: Abstract
LANGUAGE: GERMAN

7/3/12 (Item 7 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

07886361 BIOSIS NO.: 000092135164

SUBSTRATE AND INHIBITOR SPECIFICITY OF 3-HYDROXY-3-METHYLGLUTARYL-COENZYME
A REDUCTASE DETERMINED WITH SUBSTRATE-ANALOGUE COENZYME A-THIOESTERS AND
COENZYME A THIOETHERS

AUTHOR: HUPPERICH M; THOMER A; KRATZ K; EGGERER H
AUTHOR ADDRESS: INST. PHYSIOL. CHEM., TECHNISCHE UNIV. MUENCHEN,
BIEDERSTEINER STRASSE 29, W-8000 MUENCHEN 40, GERMANY.

JOURNAL: BIOL CHEM HOPPE-SEYLER 372 (9). 1991. 857-864. 1991
FULL JOURNAL NAME: Biological Chemistry Hoppe-Seyler

CODEN: BCHSE
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

7/3/13 (Item 8 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

07799034 BIOSIS NO.: 000092091605
SYNTHESIS OF SYNVINOLIN EXTREMELY HIGH CONVERSION ALKYLATION OF AN ESTER
ENOLATE

AUTHOR: ASKIN D; VERHOEVEN T R; LIU T M-H; SHINKAI I
AUTHOR ADDRESS: DEP. PROCESS RES., MERCK SHARP DOHME RES. LAB., P.O. BOX
2000, RAHWAY, N.J. 07065.

JOURNAL: J ORG CHEM 56 (16). 1991. 4929-4932. 1991
FULL JOURNAL NAME: Journal of Organic Chemistry

CODEN: JOCEA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

7/3/14 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

10253955 20069093
Expression and characterization of the HMG-CoA reductase of the
thermophilic archaeon Sulfolobus solfataricus.
Kim DY; Bochar DA; Stauffacher CV; Rodwell VW
Department of Biochemistry, Purdue University, West Lafayette, Indiana
47907, USA.

Protein expression and purification (UNITED STATES) Dec 1999, 17 (3)
p435-42, ISSN 1046-5928 Journal Code: BJV
Contract/Grant No.: HL 47113, HL, NHLBI; HL 52115, HL, NHLBI
Languages: ENGLISH
Document type: JOURNAL ARTICLE

7/3/15 (Item 2 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

09020713 97177332
Primary prevention of cardiovascular disease: implications of
lipid-lowering trials.
Pedersen TR
Cardiology Department, Aker Hospital, Oslo, Norway.
Journal of hypertension (ENGLAND) Dec 1996, 14 (5) pS195-200, ISSN
0952-1178 Journal Code: JHI
Languages: ENGLISH
Document type: JOURNAL ARTICLE; REVIEW; REVIEW, TUTORIAL

7/3/16 (Item 3 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

07348374 91028315
A selected ion monitoring method for quantifying simvastatin and its acid
form in human plasma, using the ferroceneboronate derivative.
Takano T; Abe S; Hata S
Drug Metabolism, Banyu Pharmaceutical Co. Ltd. Tokyo, Japan.

Biomedical & environmental mass spectrometry (ENGLAND) Sep 1990, 19
(9) p577-81, ISSN 0887-6134 Journal Code: BIP
Languages: ENGLISH
Document type: JOURNAL ARTICLE

7/3/17 (Item 4 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

06852364 92126242
Substrate and inhibitor' specificity of 3-hydroxy-3-methylglutaryl-CoA
reductase determined with substrate-analogue CoA-thioesters and
CoA-thioethers.
Hupperich M; Thomer A; Kratz K; Eggerer H
Institut fur Physiologische Chemie der Technischen Universitat Munchen.
Biological chemistry Hoppe-Seyler (GERMANY) Sep 1991, 372 (9) p857-63,
ISSN 0177-3593 Journal Code: AHC
Languages: ENGLISH
Document type: JOURNAL ARTICLE
?t/9/5

7/9/5 (Item 5 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00010330 94032055
Differences in radiation-induced micronuclei yields of human cells:
Influence of ras gene expression and protein localization
Miller A.C.; Gafner J.; Clark E.P.; Samid D.
ADDRESS: A.C. Miller, Radiation Biochemistry Department, Armed Forces
Radiobiology, Research Institute, Bethesda, MD 20889-5145, United
States
Journal: International Journal of Radiation Biology, 64/5 (547-554), 1993,
United Kingdom
PUBLICATION DATE: 19930000'
CODEN: IJRBA
ISSN: 0955-3002
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

Expression of ras has been correlated with increased intrinsic resistance
to ionizing radiation. In this study we show that increased EJras
expression in human cells is associated with a decrease in the frequency of
radiation-induced micronuclei. The experimental system consisted of human
osteosarcoma-derived cell lines which quantitatively vary in their EJras
expression. There was a dose-dependent relationship between radiation dose
and micronuclei formation in all cell lines tested. Human osteosarcoma
cells, in which the ras level was undetectable, had the highest frequency
of micronuclei production at all radiation doses tested. At 4 Gy the most
radioresistant cells exhibited a 41.5 +/- 5% decrease in the production of
micronuclei concomitant with high ras expression in comparison with the
relatively radiosensitive parental cell line. Cells expressing a low amount
of EJras demonstrated a 23 +/- 3% decrease in micronuclei induction
compared with parental cells. Treatment of cells with *lovastatin*, an
inhibitor of ras-encoded p21(ras) post-translational processing via the
mevalonate pathway, markedly decreased the *yield* of micronuclei formation
in cells transfected with ras; the drug had no effect on radiation-induced
micronuclei formation in parental cells. The use of the in vitro
micronuclei assay has provided a convenient way to visualize differences in
the genotoxic damage induced by ionizing radiation in cells which express
different amount of EJras. The results indicate that elevation of ras
expression in human cells can lead to a decrease in the number of
radiation-induced micronuclei formed and that this relationship is
dependent on membrane association of ras-encoded p21.

CLASSIFICATION CODE AND DESCRIPTION:
90.9.2.4 - TOXICOLOGY / TOXIC MECHANISMS AND RESPONSES / Carcinogenesis and
Mutagenesis / Radiation and radionuclides
84.1.7.5 - GENETICS AND MOLECULAR BIOLOGY / MOLECULAR GENETICS /
Mutagenesis / Radiation

?s s1 and sterigmatocystin
312143 S1
1226 STERIGMATOCYSTIN
S8 22 S1 AND STERIGMATOCYSTIN

?rd
...completed examining records
S9 19 RD (unique items)
?t/3/all

9/3/1 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

08165162 BIOSIS NO.: 000093140610
OXIDATION OF AFLATOXINS AND *STERIGMATOCYSTIN* BY HUMAN LIVER MICROSOMES
SIGNIFICANCE OF AFLATOXIN Q-1 AS A DETOXICATION PRODUCT OF AFLATOXIN B-1
AUTHOR: RANEY K D; SHIMADA T; KIM D-H; GROOPMAN J D; HARRIS T M; GUENGERICH
F P
AUTHOR ADDRESS: DEP. BIOCHEMISTRY, CENT. MOLECULAR TOXICOLOGY, VANDERBILT
UNIV., NASHVILLE, TENN. 37232.
JOURNAL: CHEM RES TOXICOL 5 (2). 1992. 202-210. 1992
FULL JOURNAL NAME: Chemical Research in Toxicology
CODEN: CRTOE
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

9/3/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

05057188 BIOSIS NO.: 000081015312
FORMATION AND PERSISTENCE OF *STERIGMATOCYSTIN* DNA ADDUCTS IN RAT LIVER
DETERMINED VIA PHOSPHORUS-32 POSTLABELING ANALYSIS
AUTHOR: REDDY M V; IRVIN T R; RANDERATH K
AUTHOR ADDRESS: DEP. PHARMACOL., BAYLOR COLL. MED., HOUSTON, TEX. 77030.
JOURNAL: MUTAT RES 152 (1). 1985. 85-96. 1985
FULL JOURNAL NAME: Mutation Research
CODEN: MUREA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

9/3/3 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

04286165 BIOSIS NO.: 000078015707
DISTRIBUTION OF *STERIGMATOCYSTIN* AND FUNGAL MYCELIUM IN INDIVIDUAL BROWN
RICE KERNELS NATURALLY INFECTED BY ASPERGILLUS-VERSICOLOR
AUTHOR: TAKAHASHI H; YASAKI H; NANAYAMA U; MANABE M; MATSUURA S
AUTHOR ADDRESS: LAB. CHIBA PUBLIC HEALTH, 666-2-NITON-CHO, CHIBA 280, JPN.
JOURNAL: CEREAL CHEM 61 (1). 1984. 48-52. 1984
FULL JOURNAL NAME: Cereal Chemistry
CODEN: CECHA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

9/3/4 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

03863133 BIOSIS NO.: 000075041206
CHEMICALLY DEFINED MEDIUM FOR HIGH YIELDS OF *STERIGMATOCYSTIN*
AUTHOR: HITOKOTO H; MOROZUMI S; WAUKE T; SAKAI S; YOSHIKAWA S
AUTHOR ADDRESS: DEP. MICROBIOL., TOKYO METROPOLITAN RESEARCH LAB. PUBLIC
HEALTH, 3-CHOME, HYAKUNIN-CHO, SHINJUKU-KU, TOKYO, 160-JAPAN.
JOURNAL: MYCOPATHOLOGIA 78 (2). 1982. 99-106. 1982
FULL JOURNAL NAME: Mycopathologia
CODEN: MYCPA

RECORD TYPE: Abstract
LANGUAGE: ENGLISH

9/3/5 (Item 5 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

03264474 BIOSIS NO.: 000071077585
FORMATION AND DISTRIBUTION OF *STERIGMATOCYSTIN* IN CHEESE AFTER
INOCULATION WITH ASPERGILLUS-VERSICOLOR AND ASPERGILLUS-NIDULANS
AUTHOR: ENGEL G; TEUBER M
AUTHOR ADDRESS: INST. MIKROBIOLOGIE, BUNDESANSTALT FUR MILCHFORSCHUNG,
KIEL.
JOURNAL: MILCHWISSENSCHAFT 35 (12). 1980 (RECD. 1981). 721-724. 1980
FULL JOURNAL NAME: Milchwissenschaft
CODEN: MILCA
RECORD TYPE: Abstract
LANGUAGE: GERMAN

9/3/6 (Item 6 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

03042806 BIOSIS NO.: 000070068424
THE POSSIBLE PRESENCE OF *STERIGMATOCYSTIN* IN MILK AND ITS BEHAVIOR IN
CHEESE
AUTHOR: KIERMEIER F; KRAUS P-V
AUTHOR ADDRESS: TECH. UNIV. MUENCH., D-8050 FREISING-WEIHENSTEPHAN, W. GER.
JOURNAL: Z LEBENSM-UNTERS -FORSCH 170 (6). 1980. 421-424. 1980
FULL JOURNAL NAME: Zeitschrift fuer Lebensmittel-Untersuchung und
-Forschung
CODEN: ZLUFA
RECORD TYPE: Abstract
LANGUAGE: GERMAN

9/3/7 (Item 7 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

03036916 BIOSIS NO.: 000070062534
CHAETOMIUM-UDAGAWAE NEW-SPECIES A NEW PRODUCER OF *STERIGMATOCYSTIN*
AUTHOR: UDAGAWA S-I; MUROI T; KURATA H; SEKITA S; YOSHIHARA K; NATORI S
AUTHOR ADDRESS: NATL. INST. HYG. SCI., KAMIYOGA 1-CHOME, SETAGAYA, TOKYO
158, JPN.
JOURNAL: TRANS MYCOL SOC JPN 20 (4). 1979 (RECD. 1980. 475-480. 1979
FULL JOURNAL NAME: Transactions of the Mycological Society of Japan
CODEN: NGKKA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

9/3/8 (Item 8 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

02747137 BIOSIS NO.: 000068057739
CHROMATOGRAPHIC METHOD OF A SIMULTANEOUS SEMI QUANTITATIVE MEASUREMENT OF 8
MYCO TOXINS IN GRAIN
AUTHOR: L'VOVA L S; KRAVCHENKO L V; SHUL'GINA A P
AUTHOR ADDRESS: ALL-UNION RES. INST. GRAIN, GRAIN PROD., MOSCOW, USSR.
JOURNAL: PRIKL BIOKHIM MIKROBIOL 15 (1). 1979. 143-149. 1979
FULL JOURNAL NAME: Prikladnaya Biokhimiya i Mikrobiologiya
CODEN: PBMIA
RECORD TYPE: Abstract
LANGUAGE: RUSSIAN

9/3/9 (Item 9 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

02699649 BIOSIS NO.: 000068010235
STERIGMATOCYSTIN DNA INTERACTIONS IDENTIFICATION OF A MAJOR ADDUCT FORMED
AFTER METABOLIC ACTIVATION IN-VITRO
AUTHOR: ESSIGMANN J M; BARKER L J; FOWLER K W; FRANCISCO M A; REINHOLD V N;
WOGAN G N
AUTHOR ADDRESS: DEP. NUTR. FOOD SCI., MASS. INST. TECHNOL., CAMBRIDGE,
MASS. 02139, USA.
JOURNAL: PROC NATL ACAD SCI U S A 76 (1). 1979. 179-183. 1979
FULL JOURNAL NAME: Proceedings of the National Academy of Sciences of the
United States of America
CODEN: PNASA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

9/3/10 (Item 10 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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01948086 BIOSIS NO.: 000062038185
ENZYMATIC CONVERSION OF *STERIGMATOCYSTIN* INTO AFLA TOXIN B-1 BY CELL-FREE
EXTRACTS OF ASPERGILLUS-PARASITICUS ATCC-15517
AUTHOR: SINGH R; HSIEH D P H
JOURNAL: APPL ENVIRON MICROBIOL 31 (5). 1976 743-745. 1976
FULL JOURNAL NAME: Applied and Environmental Microbiology
CODEN: AEMID
RECORD TYPE: Abstract

9/3/11 (Item 11 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

01695025 BIOSIS NO.: 000060025082
PRODUCTION OF *STERIGMATOCYSTIN*
AUTHOR: STEYN M; RABIE C J
JOURNAL: J ASSOC OFF ANAL CHEM 58 (3). 1975 622-623. 1975
FULL JOURNAL NAME: Journal of the Association of Official Analytical
Chemists
CODEN: JANCA
RECORD TYPE: Citation

9/3/12 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

08548222 96016078
Analysis of a mycotoxin gene cluster in Aspergillus nidulans.
Keller NP; Adams TH
Department of Plant Pathology and Microbiology, Texas A&M University,
College Station 77843, USA.
SAAS bulletin, biochemistry and biotechnology (UNITED STATES) 1995, 8
p14-21, ISSN 1052-6781 Journal Code: ALK
Languages: ENGLISH
Document type: JOURNAL ARTICLE; REVIEW; REVIEW, TUTORIAL

9/3/13 (Item 2 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

07085891 92353348
Oxidation of aflatoxins and *sterigmatocystin* by human liver microsomes:
significance of aflatoxin Q1 as a detoxication product of aflatoxin B1.
Raney KD; Shimada T; Kim DH; Groopman JD; Harris TM; Guengerich FP
Department of Chemistry, Vanderbilt University School of Medicine,
Nashville, Tennessee 37232.

Chemical research in toxicology (UNITED STATES) Mar-Apr 1992, 5 (2)
p202-10, ISSN 0893-228X Journal Code: A5X
Contract/Grant No.: CA 44353, CA, NCI; ES 00267, ES, NIEHS; ES 03755, ES,
NIEHS; +
Languages: ENGLISH
Document type: JOURNAL ARTICLE

9/3/14 (Item 3 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

05534383 21097358
Molecular systematics of Plethodon and Aneides (Caudata: Plethodontidae:
Plethodontini): phylogenetic analysis of an old and rapid radiation.
Mahoney MJ
Museum of Vertebrate Zoology, Department of Integrative Biology,
University of California, 3101 Valley Life Sciences Building, Berkeley, CA
94720-3160, USA. mahoney@amnh.org
Molecular phylogenetics and evolution (United States) Feb 2001, 18
(2) p174-88, ISSN 1055-7903 Journal Code: BYP
Languages: ENGLISH
Document type: Journal Article

9/3/15 (Item 4 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

04737111 86014150
Formation and persistence of *sterigmatocystin*--DNA adducts in rat liver
determined via 32P-postlabeling analysis.
Reddy MV; Irvin TR; Randerath K
Mutation research (NETHERLANDS) Oct 1985, 152 (1) p85-96, ISSN
0027-5107 Journal Code: NNA
Contract/Grant No.: CA 32157, CA, NCI; CA 10893, CA, NCI
Languages: ENGLISH
Document type: JOURNAL ARTICLE

9/3/16 (Item 5 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

03123403 95023725
[A chromatographic method of simultaneous semi-quantitative analysis of
eight mycotoxins in grain]
Khromatograficheskii metod odnovermennogo polukolichestvennogo
opredeleniia 8 mikotoksinov v zerne.
L'vova LS; Kravchenko LV; Shul'gina AP
Prikladnaia biokhimiia i mikrobiologiya (RUSSIA) Jan-Feb 1979, 15 (1)
p143-9, ISSN 0555-1099 Journal Code: PM5
Languages: RUSSIAN Summary Languages: ENGLISH
Document type: JOURNAL ARTICLE ; English Abstract

9/3/17 (Item 6 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

03046613 76204524
Enzymatic conversion of *sterigmatocystin* into aflatoxin B1 by cell-free
extracts of Aspergillus parasiticus.
Singh R; Hsieh DP
Applied and environmental microbiology (UNITED STATES) May 1976, 31
(5) p743-5, Journal Code: 6K6
Languages: ENGLISH
Document type: JOURNAL ARTICLE

9/3/18 (Item 7 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

02480332 78185376

[Bioproduction of sterigmatocystine by *Aspergillus versicolor* (Vuill.)
tiraboschi in dry fodder]

Bioproduction de sterigmatocystine par l'*Aspergillus versicolor* (Vuill.)
tiraboschi dans les fourrages secs.

Le Bars J

Annales de la nutrition et de l'alimentation (FRANCE) 1977, 31 (4-6)
p575-81, ISSN 0003-4037 Journal Code: 5N0

Languages: FRENCH Summary Languages: ENGLISH

Document type: JOURNAL ARTICLE ; English Abstract

9/3/19 (Item 8 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

01997761 75079420

Preparation of ¹⁴C-labeled *sterigmatocystin* in liquid media.

Hsieh DP; Yang SL

Applied microbiology (UNITED STATES) Jan 1975, 29 (1) p17-20, ISSN
0003-6919 Journal Code: 6K0

Languages: ENGLISH

Document type: JOURNAL ARTICLE

?s s1 and aflatoxin?

312143 S1

16 AFLATOXIN?

S10 1 S1 AND AFLATOXIN?

?s s1 and aflatoxin?

312143 S1

19327 AFLATOXIN?

S11 235 S1 AND AFLATOXIN?

?rd

...examined 50 records (50)

...examined 50 records (100)

...examined 50 records (150)

...examined 50 records (200)

...completed examining records

S12 182 RD (unique items)

?t/3/1-50

12/3/1 (Item 1 from file: 71)

DIALOG(R)File 71:ELSEVIER BIOBASE

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01413837 2000083510

Kinetics of glutathione conjugation of *aflatoxin* epoxide and formation of
three mutagenic DNA-glutathione ethylene dibromide adducts

Guengerich F.P.; Kim M.-S.; Johnson W.W.

ADDRESS: F.P. Guengerich, Department of Biochemistry, Vanderbilt

University, School of Medicine, Nashville, TN 37232-0146, United
States

EMAIL: guengerich@toxicology.mc.vanderbilt.edu

Journal: Clinical Chemistry and Enzymology Communications, 8/4-6 (393-401)
, 1999, United Kingdom

CODEN: CCECE

ISSN: 0892-2187

DOCUMENT TYPE: Conference Paper

LANGUAGES: English SUMMARY LANGUAGES: English

NO. OF REFERENCES: 25

12/3/2 (Item 2 from file: 71)

DIALOG(R)File 71:ELSEVIER BIOBASE

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01379829 2000055978

Interactions between *Fusarium verticillioides*, *Aspergillus flavus*, and
insect infestation in four maize genotypes in lowland Africa

Cardwell K.F.; Kling J.G.; Maziya-Dixon B.; Bosque-Perez N.A.
ADDRESS: K.F. Cardwell, Intl. Inst. of Tropical Agriculture, PMB 5320 Oyo
Rd, Ibadan, Nigeria
EMAIL: k.cardwell@cgiar.org
Journal: Phytopathology, 90/3 (276-284), 2000, United States
CODEN: PHYNB
ISSN: 0031-949X
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 53

12/3/3 (Item 3 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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01337353 2000014439
Wheat seed colonized with atoxigenic *Aspergillus flavus*: Characterization
and production of a biopesticide for *aflatoxin* control
Bock C.H.; Cotty P.J.
ADDRESS: P.J. Cotty, Southern Regional Research Center, Agricultural
Research Service, United States Dept. of Agriculture, PO Box
19687, New Orleans, LA 70179, United States
EMAIL: pjcott@nola.srrc.usda.gov
Journal: Biocontrol Science and Technology, 9/4 (529-543), 1999, United
Kingdom
CODEN: BSTCE
ISSN: 0958-3157
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 26

12/3/4 (Item 4 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00975684 1998222827
Activation and detoxication of *aflatoxin* Binf 1
Guengerich F.P.; Johnson W.W.; Shimada T.; Ueng Y.-F.; Yamazaki H.;
Langouet S.
ADDRESS: F.P. Guengerich, Department of Biochemistry, Center in Molecular
Toxicology, Vanderbilt Univ. School of Medicine, 23rd Avenue South
and Pierce, Nashville, TN 37232-0146, United States
EMAIL: guengerich@toxicology.mc.vanderbilt.edu
Journal: Mutation Research - Fundamental and Molecular Mechanisms of
Mutagenesis, 402/1-2 (121-128), 1998, Netherlands
PUBLICATION DATE: June 18, 1998
CODEN: MRFME
ISSN: 0027-5107
PUBLISHER ITEM IDENTIFIER: S0027510797002893
DOCUMENT TYPE: Conference Paper
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 67

12/3/5 (Item 5 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00963643 1998212617
Predicting peanut maturity with magnetic resonance
Tollner E.W.; Boudolf V.; McClendon R.W.; Hung Y.-C.
ADDRESS: E.W. Tollner, Biological/Agricultural Eng. Dept., University of
Georgia, Athens, GA 30602, United States
EMAIL: btollner@bae.uga.edu
Journal: Transactions of the American Society of Agricultural Engineers,
41/4 (1199-1205), 1998, United States
CODEN: TAAEA
ISSN: 0001-2351
DOCUMENT TYPE: Article

LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 19

12/3/6 (Item 6 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00756871 97264135
Inhibition of hepatocellular carcinoma development in hepatitis B virus
transfected mice by low dietary casein
Cheng Z.; Hu J.; King J.; Jay G.; Campbell T.C.
ADDRESS: Dr. T.C. Campbell, Division of Nutritional Sciences, Cornell
University, Ithaca, NY 14853, United States
Journal: Hepatology, 26/5 (1351-4354), 1997, United States
PUBLICATION DATE: 19970000
CODEN: HPTLD
ISSN: 0270-9139
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 32

12/3/7 (Item 7 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00728682 97233462
Synthesis and characterization of *aflatoxin* Binf 1 mercapturic acids and
their identification in rat urine
Scholl P.F.; Musser S.M.; Groopman J.D.
ADDRESS: J.D. Groopman, Dept. of Env'tl. Health Sciences, School of Hygiene
and Public Health, Johns Hopkins University, 615 North Wolfe
Street, Baltimore, MD 21205, United States
EMAIL: jgroopma@sph.jhu.edu
Journal: Chemical Research in Toxicology, 10/10 (1144-1151), 1997, United
States
PUBLICATION DATE: 19970000
CODEN: CRTOE
ISSN: 0893-228X
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 50

12/3/8 (Item 8 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00708967 97213311
An intercalation inhibitor altering the target selectivity of DNA damaging
agents: Synthesis of site-specific *aflatoxin* Binf 1 adducts in a p53
mutational hotspot
Kobertz W.R.; Wang D.; Wogan G.N.; Essigmann J.M.
ADDRESS: J.M. Essigmann, Department of Chemistry, Building 56-669,
Massachusetts Inst. of Technology, Cambridge, MA 02139, United
States
EMAIL: jessig@mit.edu
Journal: Proceedings of the National Academy of Sciences of the United
States of America, 94/18 (9579-9584), 1997, United States
PUBLICATION DATE: 19970000
CODEN: PNASA
ISSN: 0027-8424
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 32

12/3/9 (Item 9 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00577098 97079922
Conjugation of highly reactive *aflatoxin* Binf 1 exo-8,9-epoxide catalyzed
by rat and human glutathione transferases: Estimation of kinetic
parameters
Johnson W.W.; Ueng Y.-F.; Widersten M.; Mannervik B.; Hayes J.D.; Sherratt
P.J.; Ketterer B.; Guengerich F.P.
ADDRESS: F.P. Guengerich, Department of Biochemistry, Center in Molecular
Toxicology, Vanderbilt Univ. School of Medicine, Nashville, TN
37232-0146, United States
Journal: Biochemistry, 36/11 (3056-3060), 1997, United States
PUBLICATION DATE: 19970000
CODEN: BICHA
ISSN: 0006-2960
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 32

12/3/10 (Item 10 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00462370 96156315
Preparation and evaluation of an animal feed byproduct produced by
solid-state fermentation of apple pomace
Joshi V.K.; Sandhu D.K.
ADDRESS: V.K. Joshi, Department of Postharvest Technology, Dr YS Parmar
University, Horticulture and Forestry, Nauni-Solan (HP) 173230,
India
Journal: Bioresource Technology, 56/2-3 (251-255), 1996, United Kingdom
PUBLICATION DATE: 19960000
CODEN: BIRTE
ISSN: 0960-8524
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

12/3/11 (Item 11 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00256778 95050821
Expression of cytochrome P450 3A5 in escherichia coli: Effects of 5'
modification, purification, spectral characterization, reconstitution
conditions, and catalytic activities
Gillam E.M.J.; Guo Z.; Ueng Y.-F.; Yamazaki H.; Cock I.; Reilly P.E.B.;
Hooper W.D.; Guengerich F.P.
ADDRESS: E.M.J. Gillam, Department Physiology/Pharmacology, University of
Queensland, St. Lucia, Qld. 4072, Australia
Journal: Archives of Biochemistry and Biophysics, 317/2 (374-384), 1995,
United States
PUBLICATION DATE: 19950000
CODEN: ABBIA
ISSN: 0003-9861
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

12/3/12 (Item 12 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00009256 94015843
Growth, sclerotia and *aflatoxin* production by Aspergillus parasiticus:
Influence of food preservatives
Chourasia H.K.
ADDRESS: H.K. Chourasia, Plant Pathology Division,
Centr.Inst.Medicinal/Aromatic Plants, Post Bag No. 1, Lucknow
226016, India
Journal: Letters in Applied Microbiology, 17/5 (204-207), 1993, United

Kingdom
PUBLICATION DATE: 19930000
CODEN: LAMIE
ISSN: 0266-8254
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

12/3/13 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12693345 BIOSIS NO.: 200000446847
Ground arthropod attacks on groundnut *Arachis hypogaea* L in Burkina Faso.
AUTHOR: Dicko I O(a); Traore S; Traore D; Dao B(a)
AUTHOR ADDRESS: (a)Universite de Ouagadougou, Ouagadougou**Burkina-Faso
JOURNAL: Tropicultura 16-17 (1):p43-46 Dec., 1998
MEDIUM: print
ISSN: 0771-3312
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: French; Non-English
SUMMARY LANGUAGE: English; French

12/3/14 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12620655 BIOSIS NO.: 200000374157
Effect of *aflatoxin* B1 contaminated rations on milk *yield* and
aflatoxin M1 secretion in milk of Indian cows.
AUTHOR: Choudhary P L(a); Sharma R S; Borkhatriya V N
AUTHOR ADDRESS: (a)Dairy Chemistry, College of Dairy Technology, IGKV,
Raipur, M.P.**India
JOURNAL: Indian Journal of Animal Nutrition 16 (4):p311-314 December, 1999
MEDIUM: print
ISSN: 0970-3209
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

12/3/15 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12562701 BIOSIS NO.: 200000316203
Influence of flooding on spore *yield* of wheat seed colonized by an
atoxigenic *Aspergillus flavus*.
AUTHOR: Kobbeman K E; Cotty P J
AUTHOR ADDRESS: (a)Dept. of Plant Pathology, University of Arizona, Tucson,
AZ, 85721**USA
JOURNAL: Phytopathology 90 (6 Supplement):pS43 June, 2000
MEDIUM: print
CONFERENCE/MEETING: Annual Meeting of the American Phytopathological
Society New Orleans, Louisiana, USA August 12-16, 2000
SPONSOR: American Phytopathological Society
ISSN: 0031-949X
RECORD TYPE: Citation
LANGUAGE: English
SUMMARY LANGUAGE: English

12/3/16 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12423516 BIOSIS NO.: 200000177018
Use of loose shelled kernels to estimate *aflatoxin* in farmers stock

peanut lots.
AUTHOR: Whitaker T B(a); Giesbrecht F G; Hagler W M Jr
AUTHOR ADDRESS: (a)USDA, ARS, North Carolina State Univ., Raleigh, NC,
27695*USA
JOURNAL: Peanut Science 29 (1):p39-44 Jan.-June, 1999
ISSN: 0095-3679
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

12/3/17 (Item 5 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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11760970 BIOSIS NO.: 199900007079
Comparison of peanut *yield*, quality, and net returns between nonirrigated
and irrigated production.
AUTHOR: Lamb M C(a); Davidson J I Jr; Childre J W; Martin N R Jr
AUTHOR ADDRESS: (a)Dep. Agric. Econ. Rural Soc., Auburn Univ., Auburn, AL
36849*USA
JOURNAL: Peanut Science 24 (2):p97-101 July-Dec., 1997
ISSN: 0095-3679
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

12/3/18 (Item 6 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11628504 BIOSIS NO.: 199800411161
Activation and detoxication of *aflatoxin* B1.
AUTHOR: Guengerich F Peter(a); Johnson William W; Shimada Tsutomu; Ueng
Yune-Fang; Yamazaki Hiroshi; Langouet Sophie
AUTHOR ADDRESS: (a)Dep. Biochem. Cent. Mol. Toxicol., Vanderbilt Univ. Sch.
Med., Med. Res. Build. I, Room 638B, 23**USA
JOURNAL: Mutation Research 402 (1-2):p121-128 June 18, 1998
ISSN: 0027-5107
DOCUMENT TYPE: Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

12/3/19 (Item 7 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11392687 BIOSIS NO.: 199800174019
An economic appraisal of *aflatoxin* contamination in dairy cattle feed.
AUTHOR: Rajan A; Ismail P K
AUTHOR ADDRESS: Cent. Excellence Pathol., Coll. Vet. and Anim. Sci.,
Mannuthy, Trichur-680 651**India
JOURNAL: Journal of Veterinary and Animal Sciences 26 (2):p105-112 Dec.,
1995
ISSN: 0971-0701
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

12/3/20 (Item 8 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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11271850 BIOSIS NO.: 199800053182
Interaction of temperature and microsomal peroxidase in *aflatoxin*
degradation by Aspergillus flavus 102566.
AUTHOR: Singh Ved Pal(a)

AUTHOR ADDRESS: (a)Applied Microbiol. Biotechnol. Lab., Dep. Botany, Univ.
Delhi, Delhi 110 007**India
JOURNAL: Current Science (Bangalore) 73 (6):p529-532 Sept. 25, 1997
ISSN: 0011-3891
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

12/3/21 (Item 9 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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11200104 BIOSIS NO.: 199799821249
Synthesis and characterization of *aflatoxin* B-1 mercapturic acids and
their identification in rat urine.
AUTHOR: Scholl Peter F; Musser Steven M; Groopman John D(a)
AUTHOR ADDRESS: (a)Dep. Environ. Health Sci., Sch. Hyg. Public Health,
Johns Hopkins Univ., 615 N. Wolfe St., Balti**USA
JOURNAL: Chemical Research in Toxicology 10 (10):p1144-1151 1997
ISSN: 0893-228X
RECORD TYPE: Abstract
LANGUAGE: English

12/3/22 (Item 10 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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11187543 BIOSIS NO.: 199799808688
Impact of row spacing and planting date on the canopy environment,
abundance of lesser cornstalk borer and other arthropods, and incidence
of aflatoxigenic fungi in peanuts.
AUTHOR: Stewart S D(a); Bowen K L; Mack T P; Edwards J H
AUTHOR ADDRESS: (a)Mississippi State Univ., Central Mississippi Res. Ext.
Ctr., 1320 Seven Springs Road, Raymond, M**USA
JOURNAL: Peanut Science 24 (1):p52-59 1997
ISSN: 0095-3679
RECORD TYPE: Abstract
LANGUAGE: English

12/3/23 (Item 11 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11141597 BIOSIS NO.: 199799762742
An intercalation inhibitor altering the target selectivity of DNA damaging
agents: Synthesis of site-specific *aflatoxin* B-1 adducts in a p53
mutational hotspot.
AUTHOR: Kobertz William R; Wang David; Wogan Gerald N; Essigmann John M(a)
AUTHOR ADDRESS: (a)Dep. Chem., Build. 56-669, Massachusetts Inst. Technol.,
Cambridge, MA 02139**USA
JOURNAL: Proceedings of the National Academy of Sciences of the United
States of America 94 (18):p9579-9584 1997
ISSN: 0027-8424
RECORD TYPE: Abstract
LANGUAGE: English

12/3/24 (Item 12 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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11122819 BIOSIS NO.: 199799743964
Production of *aflatoxin* M-1 by *Aspergillus parasiticus* (AP 456) in a
semisynthetic medium.
AUTHOR: Pallavi R M V; Vidyasagar T; Sashidhar R B(a)
AUTHOR ADDRESS: (a)Dep. Biochemistry, University College Sci., Osmania
Univ., Hyderabad 500 007**India
JOURNAL: Indian Journal of Experimental Biology 35 (7):p735-741 1997

ISSN: 0019-5189
RECORD TYPE: Abstract
LANGUAGE: English

12/3/25 (Item 13 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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11079133 BIOSIS NO.: 199799700278
Influence of white light, near-UV irradiation and other environmental conditions on production of *aflatoxin* B-1 by *Aspergillus flavus* and ochratoxin A by *Aspergillus ochraceus*.
AUTHOR: Aziz N H(a); Moussa L A E
AUTHOR ADDRESS: (a)Natl. Cent. Radiation Res. Technol., Food Microbiol. Dep., P.O. Box 29, Nasr City, ET-113701 Cai**Egypt
JOURNAL: Nahrung 41 (3):p150-154 1997
ISSN: 0027-769X
RECORD TYPE: Abstract
LANGUAGE: English

12/3/26 (Item 14 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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10880579 BIOSIS NO.: 199799501724
Conjugation of highly reactive *aflatoxin* B-1 exo-8,9-epoxide catalyzed by rat and human glutathione transferases: Estimation of kinetic parameters.
AUTHOR: Johnson William W; Ueng Yune-Fang; Widersten Mikael; Mannervik Bengt; Hayes John D; Sherratt Philip J; Ketterer Brian; Guengerich F Peter(a)
AUTHOR ADDRESS: (a)Dep. Biochem., Cent. Mol. Toxicol., Vanderbilt Univ. Sch. Med., Nashville, TN 37232-0146**USA
JOURNAL: Biochemistry 36 (11):p3056-3060 1997
ISSN: 0006-2960
RECORD TYPE: Abstract
LANGUAGE: English

12/3/27 (Item 15 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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10487521 BIOSIS NO.: 199699108666
Effects of heat stress on enzyme activities and transcript levels in developing maize kernels grown in culture.
AUTHOR: Duke Edwin R; Doehlert Douglas C(a)
AUTHOR ADDRESS: (a)USDA/ARS Wheat Quality Lab., Harris Hall, North Dakota State University Fargo, ND 58105**USA
JOURNAL: Environmental and Experimental Botany 36 (2):p199-208 1996
ISSN: 0098-8472
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

12/3/28 (Item 16 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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10433010 BIOSIS NO.: 199699054155
Aflatoxin G1 contamination of heavy pig rations: Effects on seasoned hams (experimental contribution).
AUTHOR: Bonomi A; Quarantelli A; Mazzali I
AUTHOR ADDRESS: Ist. Zootechnica Alimentazione e Nutrizione, Fac. Med. Vet., Univ. degli Studi Parma, Parma**Italy
JOURNAL: Rivista di Scienza dell'Alimentazione 24 (2):p271-277 1995
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: Italian; Non-English

SUMMARY LANGUAGE: Italian; English

12/3/29 (Item 17 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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10427060 BIOSIS NO.: 199699048205
Aflatoxin B1 and G1 contamination of heavy pig rations: Effects on
seasoned hams (experimental contribution).
AUTHOR: Bonomi A(a); Quarantelli A; Mazzali I
AUTHOR ADDRESS: (a)Istituto di Zootechnica Alimentazione e Nutrizione,
Facolta di Medicina Veterinaria, Universita d**Italy
JOURNAL: Rivista di Scienza dell'Alimentazione 25 (1):p69-76 1996
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: Italian; Non-English
SUMMARY LANGUAGE: Italian; English

12/3/30 (Item 18 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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10102472 BIOSIS NO.: 199698557390
Registration of peanut germplasm ICGV 88145 and ICGV 89104 resistant to
seed infection by Aspergillus flavus.
AUTHOR: Rao M J V; Upadhyaya H D(a); Mehan V K; Nigam S N; McDonald D;
Reddy N S
AUTHOR ADDRESS: (a)International Crops Res. Inst. Semi-Arid Tropics,
Patancheru P.O., Andhra Pradesh 502 324**India
JOURNAL: Crop Science 35 (6):p1717 1995
ISSN: 0011-183X
DOCUMENT TYPE: Article
RECORD TYPE: Citation
LANGUAGE: English

12/3/31 (Item 19 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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10059530 BIOSIS NO.: 199598514448
Correction of PREVIEWS 98219275. Expression of cytochrome P450 3A5 in
Escherichia coli: Effects of 5' modification, purification, spectral
characterization, reconstitution conditions, and catalytic activities.
Correction of abstract. Erratum published in ARCHIVES OF BIOCHEMISTRY AND
BIOPHYSICS Vol. 318. Iss. 2. 1995. p. 498.
AUTHOR: Gillam Elizabeth M J(a); Guo Zuyu; Ueng Yune-Fang; Yamazaki Hiroshi
; Cock Ian; Reilly Paul E B; Hooper Wayne D; Guengerich F Peter
AUTHOR ADDRESS: (a)Dep. Biochem., Cent. Mol. Toxicology, Vanderbilt Univ.
Sch. Med., Nashville, TN 37232**USA
JOURNAL: Archives of Biochemistry and Biophysics 317 (2):p374-384 1995
ISSN: 0003-9861
DOCUMENT TYPE: Article; Erratum
RECORD TYPE: Abstract
LANGUAGE: English

12/3/32 (Item 20 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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09956516 BIOSIS NO.: 199598411434
Formulating atoxigenic Aspergillus flavus for field release.
AUTHOR: Daigle D J; Cotty P J
AUTHOR ADDRESS: Southern Regional Res. Cent., ARS, USDA, P.O. Box 19687,
New Orleans, LA 70179**USA
JOURNAL: Biocontrol Science and Technology 5 (2):p175-184 1995
ISSN: 0958-3157
DOCUMENT TYPE: Article

RECORD TYPE: Abstract
LANGUAGE: English

12/3/33 (Item 21 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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09882362 BIOSIS NO.: 199598337280
Aflatoxin M-1 8,9-Epoxyde: Preparation and Mutagenic Activity.
AUTHOR: Bujons Jordi; Hsieh Dennis P H; Kado Norman Y; Messeguer Angel(a)
AUTHOR ADDRESS: (a)Dep. Biol. Organic Chem., CID, J. Girona 18, 08034
Barcelona**Spain
JOURNAL: Chemical Research in Toxicology 8 (3):p328-332 1995
ISSN: 0893-228X
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

12/3/34 (Item 22 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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09694243 BIOSIS NO.: 199598149161
The cytotoxic effects of *aflatoxin* B-1 on swine lymphocytes in vitro.
AUTHOR: Pang Victor Fei(a); Pan Chen-Ing
AUTHOR ADDRESS: (a)Dep. Vet. Med., Coll. Agric., Natl. Taiwan Univ., Taipei
106**Taiwan
JOURNAL: Journal of the Chinese Society of Veterinary Science 20 (4):p
289-301 1994
ISSN: 0253-9179
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English; Chinese

12/3/35 (Item 23 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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09691826 BIOSIS NO.: 199598146744
Effect of natural zeolites on poultry feeding with different nutritional
levels or high mycotoxin contamination.
AUTHOR: Lon-Wo Esmeralda(a); Zaldivar Victoria; Margolles Estrella
AUTHOR ADDRESS: (a)Instituto de Ciencia Animal, Apartado 24, San Jose de
las Lajas, La Habana**Cuba
JOURNAL: Cuban Journal of Agricultural Science 27 (2):p199-204 1993
ISSN: 0034-7485
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

12/3/36 (Item 24 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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09666188 BIOSIS NO.: 199598121106
Aflatoxin B1 contamination of heavy pig rations: Effects on seasoned hams
(experimental contribution).
AUTHOR: Bonomi A; Quarantelli A; Mazzali I; Chizzolini R
AUTHOR ADDRESS: Ist. di Zootechnica, Alimentazione Nutrizione-Fac. di
Medicinas Vet., Univ. degli Studi Parma, Parma**Italy
JOURNAL: Rivista di Scienza dell'Alimentazione 23 (4):p499-506 1994
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: Italian; Non-English
SUMMARY LANGUAGE: Italian; English

12/3/37 (Item 25 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

09613202 BIOSIS NO.: 199598068120
Effects of planting date and row spacing on peanut microclimate, lesser
cornstalk borers, and aflatoxigenic fungi.
AUTHOR: Stewart S D(a); Bowen K L; Mack T P; Kloepper J W
AUTHOR ADDRESS: (a)Dep. Entomol., 209 Life Sci. Build., Auburn, AL 36849**
USA
JOURNAL: Phytopathology 84 (10):p1102 1994
CONFERENCE/MEETING: Annual Meeting of the American Phytopathological
Society Albuquerque, New Mexico, USA August 6-10, 1994
ISSN: 0031-949X
RECORD TYPE: Citation
LANGUAGE: English

12/3/38 (Item 26 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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09505589 BIOSIS NO.: 199497513959
Effects of *aflatoxins* B1 and G1 on productive efficiency, meat *yield*
and quality in fattening pigs (experimental contribution).
AUTHOR: Bonomi A(a); Quarantelli A(a); Mazzali I(a); Cabassi E; Corradi A;
Di Lecce R; Ubaldi R; Fusari A; Chizzolini R
AUTHOR ADDRESS: (a)Ist. Zootechnica, Alimentazione e Nutrizione, Fac. Med.
Vet., Univ. degli Studi Parma, Parma**Italy
JOURNAL: Rivista di Scienza dell'Alimentazione 23 (2):p251-277 1994
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: Italian; Non-English
SUMMARY LANGUAGE: Italian; English

12/3/39 (Item 27 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

09494441 BIOSIS NO.: 199497502811
Action of carbamate biocides on sterols, gibberellin and *aflatoxin*
formation.
AUTHOR: Hasan H A H
AUTHOR ADDRESS: Botany Dep., Fac. Sci., Assiut Univ., Assiut**Egypt
JOURNAL: Journal of Basic Microbiology 34 (4):p225-230 1994
ISSN: 0233-111X
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

12/3/40 (Item 28 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

09438496 BIOSIS NO.: 199497446866
Natural occurrence of mycotoxins in broad bean (*Vicia faba* L.) seeds and
their effect on Rhizobium: Legume symbiosis.
AUTHOR: Mahmoud A-L E; Abd-Alla M H(a)
AUTHOR ADDRESS: (a)Dep. Bot., Fac. Sci., Assiut Univ., Assiut**Egypt
JOURNAL: Soil Biology and Biochemistry 26 (8):p1081-1085 1994
ISSN: 0038-0717
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

12/3/41 (Item 29 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

(c) 2001 BIOSIS. All rts. reserv.

09108300 BIOSIS NO.: 199497116670

The effects of *aflatoxin* G1 contaminated rations on the productive efficiency and on the meat *yield* and quality in fattening pigs (experimental contribution).

AUTHOR: Bonomi A(a); Quarantelli A(a); Mazzali I(a); Cabassi E; Corradi A; Ubaldi A; Fusari A; Chizzolini R

AUTHOR ADDRESS: (a)Ist. Zootec., Aliment. Nutr., Fac. Med. Vet., Univ. degli Studi Parma, Parma**Italy

JOURNAL: Rivista di Scienza dell'Alimentazione 22 (3):p351-377 1993

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: Italian; Non-English

SUMMARY LANGUAGE: Italian; English

12/3/42 (Item 30 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2001 BIOSIS. All rts. reserv.

09016303 BIOSIS NO.: 199497024673

Comparison of digestibility, nutritive value, and storage characteristics of different forms of cottonseed in diets fed to lactating dairy cows.

AUTHOR: Sulivn J L; Huber J T(a); Price R L; Harper J M

AUTHOR ADDRESS: (a)205 Shantz Build., Dep. Anim. Sci., Univ. Arizona, Tucson, AR 85721**USA

JOURNAL: Journal of Animal Science 71 (11):p2837-2842 1993

ISSN: 0021-8812

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

12/3/43 (Item 31 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2001 BIOSIS. All rts. reserv.

08971335 BIOSIS NO.: 199396122836

Fungi associated with post-harvest rot of sweet orange (*Citrus sinensis*) and *aflatoxin* B-1 production by isolates of *Aspergillus flavus* on plain and supplemented orange juice.

AUTHOR: Bankole S A

AUTHOR ADDRESS: Microbiol. Unit, Dep. Biol. Sci., Ogun State Univ., Ago-Iwoye**Nigeria

JOURNAL: Nahrung 37 (4):p380-385 1993

ISSN: 0027-769X

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English; German

12/3/44 (Item 32 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2001 BIOSIS. All rts. reserv.

08943276 BIOSIS NO.: 199396094777

Effect of nitrogen and irrigation levels on seed *yield* of brassicas.

AUTHOR: Singh Joginder; Tyagi R C; Prakash Anand; Bhola A L

AUTHOR ADDRESS: Dep. Agron., CCS Haryana Agric. Univ., Hisar-125 004**India

JOURNAL: International Journal of Tropical Agriculture 10 (4):p301-304 1992

ISSN: 0254-8755

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

12/3/45 (Item 33 from file: 5)

DIALOG(R)File 5: Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

08860902 BIOSIS NO.: 199396012403

The effects of *aflatoxin* B1 contaminated rations on the productive efficiency and on the meat *yield* and quality in fattening pigs (experimental contribution).

AUTHOR: Bonomi A(a); Quarantelli A(a); Mazzali I(a); Lucchelli L(a); Anghinetti A(a); Cabassi E; Corradi A; Ubaldi A; Fusari A; Chizzolini R
AUTHOR ADDRESS: (a)Inst. di Zootechnica Alimentazione Nutrizione, Fac. di Medicina Veterinaria, Università degli Stu**Italy
JOURNAL: Rivista della Società Italiana di Scienza dell'Alimentazione 21 (4):p501-534 1992
ISSN: 0391-4887
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: Italian; Non-English
SUMMARY LANGUAGE: Italian; English

12/3/46 (Item 34 from file: 5)
DIALOG(R)File 5: Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

08813911 BIOSIS NO.: 199395103262

DNA conformation mediates *aflatoxin* B-1-DNA binding and the formation of guanine N-7 adducts by *aflatoxin* B-1 8,9-exoepoxide.

AUTHOR: Raney Veronica M; Harris Thomas M(a); Stone Michael P(a)
AUTHOR ADDRESS: (a)Dep. Chem., Cent. Mol. Toxicol., Vanderbilt Univ., Nashville, TN 37235**USA
JOURNAL: Chemical Research in Toxicology 6 (1):p64-68 1993
ISSN: 0893-228X
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

12/3/47 (Item 35 from file: 5)
DIALOG(R)File 5: Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

08806621 BIOSIS NO.: 199395095972

A descriptive model of mold growth and *aflatoxin* formation as affected by environmental conditions.

AUTHOR: Pitt R E
AUTHOR ADDRESS: Dep. Agric. Biological Engineering, Cornell Univ., Ithaca, New York 14853-5701**
JOURNAL: Journal of Food Protection 56 (2):p139-146 1993
ISSN: 0362-028X
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

12/3/48 (Item 36 from file: 5)
DIALOG(R)File 5: Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

08806620 BIOSIS NO.: 199395095971

Separation of *aflatoxin*-contaminated kernels from sound kernels by hydrogen peroxide treatment.

AUTHOR: Clavero M R S; Hung Y-C(a); Beuchat L R; Nakayama T
AUTHOR ADDRESS: (a)Food Safety Quality Enhancement Lab., Dep. Food Sci. Technology, Univ. Georgia, Agric. Experiment
JOURNAL: Journal of Food Protection 56 (2):p130-133, 156 1993
ISSN: 0362-028X
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

12/3/49 (Item 37 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

08791305 BIOSIS NO.: 199395080656
Effect of sorbentia on carry-over of *aflatoxin* from cow feed to milk.
AUTHOR: Veldman A
AUTHOR ADDRESS: CLO-Inst. Animal Nutr. "De Schothorst", P.O. Box 533,
NL-8200 AM Lelystad**Netherlands Antilles
JOURNAL: Milchwissenschaft 47 (12):p777-780 1992
ISSN: 0026-3788
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English; German

12/3/50 (Item 38 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

08791303 BIOSIS NO.: 199395080654
Possibilities and limitations of SFE in the extraction of *aflatoxin* B1
from food matrices.
AUTHOR: Engelhardt H; Haas P
AUTHOR ADDRESS: Angewandte Physikalische Chemie, Univ. Saarlandes, 6600
Saarbruecken**Germany
JOURNAL: Journal of Chromatographic Science 31 (1):p13-19 1993
ISSN: 0021-9665
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
?s s12 and vector
182 S12
158854 VECTOR
S13 3 S12 AND VECTOR
?t/3/all

13/3/1 (Item 1 from file: 71)
DIALOG(R)File 71:ELSEVIER.BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00256778 95050821
Expression of cytochrome P450 3A5 in escherichia coli: Effects of 5'
modification, purification, spectral characterization, reconstitution
conditions, and catalytic activities
Gillam E.M.J.; Guo Z.; Ueng Y.-F.; Yamazaki H.; Cock I.; Reilly P.E.B.;
Hooper W.D.; Guengerich F.P.
ADDRESS: E.M.J. Gillam, Department Physiology/Pharmacology, University of
Queensland, St. Lucia, Qld. 4072, Australia
Journal: Archives of Biochemistry and Biophysics, 317/2 (374-384), 1995,
United States
PUBLICATION DATE: 19950000
CODEN: ABBIA
ISSN: 0003-9861
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

13/3/2 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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10059530 BIOSIS NO.: 199598514448
Correction of PREVIEWS 98219275. Expression of cytochrome P450 3A5 in
Escherichia coli: Effects of 5' modification, purification, spectral
characterization, reconstitution conditions, and catalytic activities.
Correction of abstract. Erratum published in ARCHIVES OF BIOCHEMISTRY AND
BIOPHYSICS Vol. 318. Iss. 2. 1995. p. 498.
AUTHOR: Gillam Elizabeth M J(a); Guo Zuyu; Ueng Yune-Fang; Yamazaki Hiroshi
; Cock Ian; Reilly Paul E B; Hooper Wayne D; Guengerich F Peter

AUTHOR ADDRESS: (a)Dep. Biochem., Cent. Mol. Toxicology, Vanderbilt Univ.
Sch. Med., Nashville, TN 37232**USA
JOURNAL: Archives of Biochemistry and Biophysics 317 (2):p374-384 1995
ISSN: 0003-9861
DOCUMENT TYPE: Article; Erratum
RECORD TYPE: Abstract
LANGUAGE: English

13/3/3 (Item 2 from file: 5)
DIALOG(R)File 5:BIOSIS Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

09613202 BIOSIS NO.: 199598068120
Effects of planting date and row spacing on peanut microclimate, lesser
cornstalk borers, and aflatoxigenic fungi.
AUTHOR: Stewart S D(a); Bowen K L; Mack T P; Kloepper J W
AUTHOR ADDRESS: (a)Dep. Entomol., 209 Life Sci. Build., Auburn, AL 36849**
USA
JOURNAL: Phytopathology 84 (10):p1102 1994
CONFERENCE/MEETING: Annual Meeting of the American Phytopathological
Society Albuquerque, New Mexico, USA August 6-10, 1994
ISSN: 0031-949X
RECORD TYPE: Citation
LANGUAGE: English
?s s1 and penicillin
312143 S1
65928 PENICILLIN
S14 546 S1 AND PENICILLIN
?s s14 and vector
546 S14
158854 VECTOR
S15 16 S14 AND VECTOR
?rd
...completed examining records
S16 10 RD (unique items)
?t/3/all

16/3/1 (Item 1 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

01715688 2001090325
Practice guidelines for the treatment of Lyme disease
Wormser G.P.; Nadelman R.B.; Dattwyler R.J.; Dennis D.T.; Shapiro E.D.;
Steere A.C.; Rush T.J.; Rahn D.W.; Coyle P.K.; Persing D.H.; Fish D.; Luft
B.J.
ADDRESS: Dr. G.P. Wormser, Macy Pavilion, Westchester Medical Center,
Valhalla, NY 10595, United States
Journal: Clinical Infectious Diseases, 31/SUPPL. 1 (S1-S14), 2000, United
States
CODEN: CIDIE
ISSN: 1058-4838
DOCUMENT TYPE: Review
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 99

16/3/2 (Item 2 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

01481790 2000159109
Overexpression and biosynthetic deuterium enrichment of TEM-1
beta-lactamase for structural characterization by magnetic resonance
methods
Sosa-Peinado A.; Mustafi D.; Makinen M.W.
ADDRESS: M.W. Makinen, Dept. of Biochemistry/Molec. Biol., University of
Chicago, Cummings Life Science Center, 920 E. 58th Street,
Chicago, IL 60637, United States
EMAIL: m-makinen@uchicago.edu

Journal: Protein Expression and Purification, 19/2 (235-245), 2000, United States
CODEN: PEXPE
ISSN: 1046-5928
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 15

16/3/3 (Item 3 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

01238462 1999215130
Novel strategy for efficient screening and construction of host/*vector* systems to overproduce *penicillin* acylase in Escherichia coli
Perry Chou C.; Yu C.-C.; Lin W.-J.; Kuo B.-Y.; Wang W.-C.
ADDRESS: C. Perry Chou, Department of Chemical Engineering, Feng Chia University, Taichung, Taiwan
EMAIL: cpchou@fcu.edu.tw
Journal: Biotechnology and Bioengineering, 65/2 (219-226), 1999, United States
PUBLICATION DATE: October 20, 1999
CODEN: BIBIA
ISSN: 0006-3592
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 20

16/3/4 (Item 4 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00679086 97185853
High-level expression of soluble protein in Escherichia coli using a Hisinf 6-Tag and maltose-binding-protein double-affinity fusion system
Pryor K.D.; Leiting B.
ADDRESS: B. Leiting, Merck Research Laboratories, P.O. Box 2900, Rahway, NJ 07065, United States
Journal: Protein Expression and Purification, 10/3 (309-319), 1997, United States
PUBLICATION DATE: 19970000
CODEN: PEXPE
ISSN: 1046-5928
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 21

16/3/5 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12967153 BIOSIS NO.: 200100174302
Expression and purification of extracellular *penicillin* G acylase in Bacillus subtilis.
AUTHOR: Yang Sheng; Huang He; Zhang Ruan; Huang Xiaodong; Li Shiyun; Yuan Zhongyi(a)
AUTHOR ADDRESS: (a)Institute of Biochemistry and Cell Biology, Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences, Shanghai, 200031: zhongyi@sunm.shnc.ac.cn**China
JOURNAL: Protein Expression and Purification 21 (1):p60-64 February, 2001
MEDIUM: print
ISSN: 1046-5928
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

16/3/6 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12203058 BIOSIS NO.: 199900497907
Novel strategy for efficient screening and construction of host/*vector*
systems to overproduce *penicillin* acylase in Escherichia coli.
AUTHOR: Chou C Perry(a); Yu Chih-Chang; Lin Wen-Jer; Kuo Bau-Yuan; Wang
Wen-Chang
AUTHOR ADDRESS: (a)Department of Chemical Engineering, Feng Chia
University, Taichung**Taiwan
JOURNAL: Biotechnology and Bioengineering 65 (2):p219-226 Oct. 20, 1999
ISSN: 0006-3592
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

16/3/7 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

11111765 BIOSIS NO.: 199799732910
High-level expression of soluble protein in Escherichia coli using a
His-6-Tag and maltose-binding-protein double-affinity fusion system.
AUTHOR: Pryor Kellyann D; Leitig Barbara
AUTHOR ADDRESS: Dep. Biochem., Merck Res. lab., Rahway, NJ 07065**USA
JOURNAL: Protein Expression and Purification 10 (3):p309-319 1997
ISSN: 1046-5928
RECORD TYPE: Abstract
LANGUAGE: English

16/3/8 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

10050197 BIOSIS NO.: 199598505115
High-*yield* expression, refolding, and purification of *penicillin*
-binding protein 2a from methicillin-resistant Staphylococcus aureus
strain 27R.
AUTHOR: Frank Lori J(a); Wisniewski Douglas; Hammond Gail G; Hermes Jeffrey
; Marcy Alice; Cameron Patricia M
AUTHOR ADDRESS: (a)Maildrop Ry50A-100, Merck Research Lab., P.O. Box 2000,
Rahway, NJ 07065**USA
JOURNAL: Protein Expression and Purification 6 (5):p671-678 1995
ISSN: 1046-5928
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

16/3/9 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

06063875 88058803
Cloning and characterization of the genes for two distinct cephalosporin
acylases from a Pseudomonas strain.
Matsuda A; Matsuyama K; Yamamoto K; Ichikawa S; Komatsu K
Pharmaceutical Research and Development Department, Asahi Chemical
Industry, Co., Ltd., Fuji 416, Japan.
Journal of bacteriology (UNITED STATES) Dec 1987, 169 (12) p5815-20,
ISSN 0021-9193 Journal Code: HH3
Languages: ENGLISH
Document type: JOURNAL ARTICLE

16/3/10 (Item 2 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

04608303 84069819

An improved positive selection plasmid *vector* constructed by oligonucleotide mediated mutagenesis.

Nilsson B; Uhlen M; Josephson S; Gatenbeck S; Philipson L

Nucleic acids research (ENGLAND) Nov 25 1983, 11 (22) p8019-30, ISSN 0305-1048 Journal Code: O8L

Languages: ENGLISH

Document type: JOURNAL ARTICLE

?s s1 and polyketide?

312143 S1

2837 POLYKETIDE?

S17 70 S1 AND POLYKETIDE?

?rd

...examined 50 records (50)

...completed examining records

S18 40 RD (unique items)

?t/3/all

18/3/1 (Item 1 from file: 71)

DIALOG(R)File 71:ELSEVIER.BIOBASE

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01705652 2001077872

A multifunctional *polyketide*-peptide synthetase essential for albicidin biosynthesis in *Xanthomonas albilineans*

Huang G.; Zhang L.; Birch R.G.

ADDRESS: R.G. Birch, Department of Botany, The University of Queensland, Brisbane, QLD 4072, Australia

EMAIL: r.birch@botany.uq.edu.au

Journal: Microbiology, 147/3 (631-642), 2001, United Kingdom

CODEN: MROBE

ISSN: 1350-0872

DOCUMENT TYPE: Article

LANGUAGES: English SUMMARY LANGUAGES: English

NO. OF REFERENCES: 57

18/3/2 (Item 2 from file: 71)

DIALOG(R)File 71:ELSEVIER.BIOBASE

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01460856 2000098998

A defined system for hybrid macrolide biosynthesis in *Saccharopolyspora erythraea*

Gaisser S.; Reather J.; Wirtz G.; Kellenberger L.; Staunton J.; Leadlay P.F.

ADDRESS: P.F. Leadlay, Cambridge Centre Mol. Recognition, Department of Biochemistry, University of Cambridge, 80 Tennis Court Road, Cambridge CB2 1GA, United Kingdom

EMAIL: pfl10@mole.bio.cam.ac.uk

Journal: Molecular Microbiology, 36/2 (391-401), 2000, United Kingdom

CODEN: MOMIE

ISSN: 0950-382X

DOCUMENT TYPE: Article

LANGUAGES: English SUMMARY LANGUAGES: English

NO. OF REFERENCES: 40

18/3/3 (Item 3 from file: 71)

DIALOG(R)File 71:ELSEVIER.BIOBASE

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01321138 1999164531

Improvement of red pigment/citrinin production ratio as a function of environmental conditions by *Monascus ruber*

Hajjaj H.; Blanc P.J.; Groussac E.; Goma G.; Uribe Larrea J.L.; Loubiere P.

ADDRESS: P.J. Blanc, Lab. Biotechnologie et Bioprocedes, UMR CNRS/INSA

5504, LA INRA, F-31077 Toulouse Cedex 04, France

EMAIL: blanc@insa-tlse.fr

Journal: Biotechnology and Bioengineering, 64/4 (497-501), 1999, United States
PUBLICATION DATE: August 20, 1999
CODEN: BIBIA
ISSN: 0006-3592
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 26

18/3/4 (Item 4 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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01200121 1999178205
Impact of thioesterase activity on tylosin biosynthesis in *Streptomyces fradiae*
Butler A.R.; Bate N.; Cundliffe E.
ADDRESS: E. Cundliffe, Department of Biochemistry, University of Leicester, Leicester LE1 7RH, United Kingdom
EMAIL: ec13@le.ac.uk
Journal: Chemistry and Biology, 6/5 (287-292), 1999, United Kingdom
CODEN: CBOLE
ISSN: 1074-5521
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 27

18/3/5 (Item 5 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00968181 1998198822
Engineered biosynthesis of novel *polyketides* from *Streptomyces* spore pigment *polyketide* synthases
Yu T.-W.; Shen Y.; McDaniel R.; Floss H.G.; Khosla C.; Hopwood D.A.; Moore B.S.
ADDRESS: B.S. Moore, Department of Chemistry, Box 351700, University of Washington, Seattle, WA 98195-1700, United States
EMAIL: bmoore@chem.washington.edu
Journal: Journal of the American Chemical Society, 120/31 (7749-7759), 1998, United States
PUBLICATION DATE: August 12, 1998
CODEN: JACSA
ISSN: 0002-7863
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

18/3/6 (Item 6 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00898306 1998136982
Plant *polyketide* synthases: A chalcone synthase-type enzyme which performs a condensation reaction with methylmalonyl-CoA in the biosynthesis of C-methylated chalcones
Schroder J.; Raiber S.; Berger T.; Schmidt A.; Schmidt J.; Soares-Sello A.M.; Bardshiri E.; Strack D.; Simpson T.J.; Veit M.; Schroder G.
ADDRESS: J. Schroder, Institut fur Biologie II, Universitat Freiburg, Schanzlestrasse 1, D-79104 Freiburg, Germany
EMAIL: jschroe@ruf.uni-freiburg.de
Journal: Biochemistry, 37/23 (8417-8425), 1998, United States
PUBLICATION DATE: June 9, 1998
CODEN: BICHA
ISSN: 0006-2960
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 48

18/3/7 (Item 7 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00828490 1998067568
Metabolic engineering: Techniques for analysis of targets for genetic manipulations
Nielsen J.
ADDRESS: J. Nielsen, Center for Process Biotechnology, Department of Biotechnology, Technical University of Denmark, DK-2800 Lyngby, Denmark
EMAIL: jn@ibt.dtu.dk
Journal: Biotechnology and Bioengineering, 58/2-3 (125-132), 1998, United States
PUBLICATION DATE: May 5, 1998
CODEN: BIBIA
ISSN: 0006-3592
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 38

18/3/8 (Item 8 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00807968 1998044762
Characterization of Sfp, a Bacillus subtilis phosphopantetheinyl transferase for peptidyl carder protein domains in peptide synthetases
Quadri L.E.N.; Weinreb P.H.; Lei M.; Nakano M.M.; Zuber P.; Walsh C.T.
ADDRESS: C.T. Walsh, Department of Biological Chemistry, Molecular Pharmacology, Harvard Medical School, Boston, MA 02115, United States
EMAIL: walsh@walsh.med.harvard.edu
Journal: Biochemistry, 37/6 (1585-1595), 1998, United States
PUBLICATION DATE: February 10, 1998
CODEN: BICHA
ISSN: 0006-2960
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 42

18/3/9 (Item 9 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00726086 97230494
Acyltransferase domain substitutions in erythromycin *polyketide* synthase *yield* novel erythromycin derivatives
Roan X.; Pereda A.; Stassi D.L.; Zeidner D.; Summers R.G.; Jackson M.; Shivakumar A.; Kakavas S.; Staver M.J.; Donadio S.; Katz L.
ADDRESS: L. Katz, Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064, United States
EMAIL: leonard.katz@abbott.com
Journal: Journal of Bacteriology, 179/20 (6416-6425), 1997, United States
PUBLICATION DATE: 19970000
CODEN: JOBAA
ISSN: 0021-9193
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 44

18/3/10 (Item 10 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00586457 97089284
Ability of Streptomyces spp. acyl carrier proteins and coenzyme A analogs

to serve as substrates in vitro for E. coli holo-ACP synthase.
Gehring A.M.; Lambalot R.H.; Vogel K.W.; Drueckhammer D.G.; Walsh C.T.
ADDRESS: C.T. Walsh, DBCMP, Harvard Medical School, 240 Longwood Avenue,
Boston, MA 02115, United States
EMAIL: walsh@walsh.med.harvard.edu
Journal: Chemistry and Biology, 4/1 (17-24), 1997, United Kingdom
PUBLICATION DATE: 19970000
CODEN: CBOLE
ISSN: 1074-5521
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 19

18/3/11 (Item 11 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00506284 97005963
Characterisation of genes involved in biosynthesis of coronafacic acid, the
polyketide component of the phytotoxin coronatine
Penfold C.N.; Bender C.L.; Turner J.G.
ADDRESS: J.G. Turner, Molecular Biology Sector, School of Biological
Sciences, University of East Anglia, Norwich NR4 7TJ, United
Kingdom
EMAIL: j.g.turner(@)uea.ac.uk
Journal: Gene, 183/1-2 (167-173), 1996, Netherlands
PUBLICATION DATE: 19960000
CODEN: GENED
ISSN: 0378-1119
PUBLISHER ITEM IDENTIFIER: S0378111996005501
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 45

18/3/12 (Item 12 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00504990 97004669
A hybrid modular *polyketide* synthase obtained by domain swapping
Oliynyk M.; Brown M.J.B.; Cortes J.; Staunton J.; Leadlay P.F.
ADDRESS: P.F. Leadlay, Department of Biochemistry, Cambridge Molecular
Recognition Ctr., University of Cambridge, Cambridge CB2 1QW,
United Kingdom
Journal: Chemistry and Biology, 3/10 (833-839), 1996, United Kingdom
PUBLICATION DATE: 19960000
CODEN: CBOLE
ISSN: 1074-5521
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

18/3/13 (Item 13 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
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00504989 97004668
A functional chimeric modular *polyketide* synthase generated via domain
replacement
Bedford D.; Jacobsen J.R.; Luo G.; Cane D.E.; Khosla C.
ADDRESS: D.E. Cane, Department of Chemistry, Brown University, Box H,
Providence, RI 02912, United States
Journal: Chemistry and Biology, 3/10 (827-831), 1996, United Kingdom
PUBLICATION DATE: 19960000
CODEN: CBOLE
ISSN: 1074-5521
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

18/3/14 (Item 14 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00392230 96086648
Deciphering the mechanism for the assembly of aromatic *polyketides* by a
bacterial *polyketide* synthase
Shen B.; Hutchinson C.R.
ADDRESS: C.R. Hutchinson, School of Pharmacy, University of Wisconsin, 425
North Charter Street, Madison, WI 53706, United States
Journal: Proceedings of the National Academy of Sciences of the United
States of America, 93/13 (6600-6604), 1996, United States
PUBLICATION DATE: 19960000
CODEN: PNASA
ISSN: 0027-8424
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

18/3/15 (Item 15 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00270740 95066207
Streptomyces peucetius daunorubicin biosynthesis gene, dnrF: Sequence and
heterologous expression
Filippini S.; Solinas M.M.; Breme U.; Schluter M.B.; Gabellini D.; Biamonti
G.; Colombo A.L.; Garofano L.
ADDRESS: S. Filippini, BioScience Center Pharmacia, Via Papa Giovanni XXIII
23, 20014 Nerviano (Mi), Italy
Journal: Microbiology, 141/4 (1007-1016), 1995, United Kingdom
PUBLICATION DATE: 19950000
CODEN: MROBE
ISSN: 1350-0872
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

18/3/16 (Item 16 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2001 Elsevier Science B.V. All rts. reserv.

00147710 94140148
Engineered biosynthesis of novel *polyketides*: Stereochemical course of
two reactions catalyzed by a *polyketide* synthase
Fu H.; McDaniel R.; Hopwood D.A.; Khosla C.
ADDRESS: C. Khosla, Department of Chemical Engineering, Stanford
University, Stanford, CA 94305-5025, United States
Journal: Biochemistry, 33/31 (9321-9326), 1994, United States
PUBLICATION DATE: 19940000
CODEN: BICHA
ISSN: 0006-2960
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English

18/3/17 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12619796 BIOSIS NO.: 200000373298
Biosynthesis of the polyene antifungal antibiotic nystatin in Streptomyces
noursei ATCC 11455: Analysis of the gene cluster and deduction of the
biosynthetic pathway.
AUTHOR: Brautaset Trygve; Sekurova Olga N; Sletta Havard; Ellingsen Trond E
; Strom Arne R; Valla Svein; Zotchev Sergey B(a)
AUTHOR ADDRESS: (a)UNIGEN Center for Molecular Biology and Department of
Biotechnology, Norwegian University of Science and Technology, N-7489,
Trondheim**Norway
JOURNAL: Chemistry & Biology (London) 7 (6):p395-403 June, 2000

MEDIUM: print
ISSN: 1074-5521
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

18/3/18 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12474210 BIOSIS NO.: 200000227712
Insertional inactivation of mtrX and mtrY genes from the mithramycin gene cluster affects production and growth of the producer organism *Streptomyces argillaceus*.
AUTHOR: Garcia-Bernardo Jose; Brana Alfredo F; Mendez Carmen; Salas Jose A (a)
AUTHOR ADDRESS: (a)Departamento de Biologia Funcional, Instituto Universitario de Oncologia del Principado de Asturias (I.U.O.P.A), Universidad de Oviedo, 33006, Oviedo**Spain
JOURNAL: FEMS Microbiology Letters 186 (1):p61-65 May 1, 2000
ISSN: 0378-1097
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

18/3/19 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12401029 BIOSIS NO.: 200000154531
A two-vector system for the production of recombinant *polyketides* in *Streptomyces*.
AUTHOR: Ziermann R; Betlach M C(a)
AUTHOR ADDRESS: (a)Kosan Biosciences, Inc, 3832 Bay Center Place, Hayward, CA, 94545**USA
JOURNAL: Journal of Industrial Microbiology & Biotechnology. 24 (1):p46-50 Jan., 2000
ISSN: 1367-5435
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

18/3/20 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

12188716 BIOSIS NO.: 199900483565
Contribution of molecular genetics to the antibiotics research.
AUTHOR: Deng Zixin(a); Zhou Xiufen(a)
AUTHOR ADDRESS: (a)Huazhong Agricultural University, Wuhan, 430070**China
JOURNAL: Zhongguo Kangshengsu Zazhi 24 (2):p81-85 1999
ISSN: 1001-8689
DOCUMENT TYPE: Literature Review
RECORD TYPE: Abstract
LANGUAGE: Chinese; Non-English
SUMMARY LANGUAGE: Chinese; English

18/3/21 (Item 5 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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11379042 BIOSIS NO.: 199800160374
Characterization of Sfp, a *Bacillus subtilis* phosphopantetheinyl transferase for peptidyl carrier protein domains in peptide synthetases.

AUTHOR: Quadri Luis E N; Weinreb Paul H; Lei Ming; Nakano Michiko M; Zuber
Peter; Walsh Christopher T(a)
AUTHOR ADDRESS: (a)Dep. Biol. Chem. Mol. Pharmacol., Harv. Med. Sch.,
Boston, MA 02115**USA
JOURNAL: Biochemistry 37 (6):p1585-1595 Feb. 10, 1998
ISSN: 0006-2960
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

18/3/22 (Item 6 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

10833210 BIOSIS NO.: 199799454355
Effect of solid substrate, liquid supplement, and harvest time on
6-n-pentyl-2H-pyran-2-one (6PAP) production by *Trichoderma* spp.
AUTHOR: Cooney J M(a); Lauren D R; Jensen D J; Perry-Meyer L J
AUTHOR ADDRESS: (a)HortResearch, Ruakura Research Centre, Private Bag 3123,
Hamilton**New Zealand
JOURNAL: Journal of Agricultural and Food Chemistry 45 (2):p531-534 1997
ISSN: 0021-8561
RECORD TYPE: Abstract
LANGUAGE: English

18/3/23 (Item 7 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

08935399 BIOSIS NO.: 199396086900
An erythromycin analog produced by reprogramming of *polyketide* synthesis.
AUTHOR: Donadio Stefano(a); McAlpine James B; Sheldon Paul J; Jackson
Marianna; Katz Leonard
AUTHOR ADDRESS: (a)Lepetit Res. Cent., via R. Lepetit 34, 21040 Gerenzano**
Italy
JOURNAL: Proceedings of the National Academy of Sciences of the United
States of America 90 (15):p7119-7123 1993
ISSN: 0027-8424
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

18/3/24 (Item 8 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

08881393 BIOSIS NO.: 199396032894
Effects of environmental and nutritional factors on production of the
polyketide phytotoxin coronatine by *Pseudomonas syringae* pv. *glycinea*.
AUTHOR: Palmer David A; Bender Carol L(a)
AUTHOR ADDRESS: (a)Dep. Plant Pathol., Okla. State Univ., Stillwater, OK
74078-9974**USA
JOURNAL: Applied and Environmental Microbiology 59 (5):p1619-1626 1993
ISSN: 0099-2240
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

18/3/25 (Item 9 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

07927550 BIOSIS NO.: 000093015948
PLASMID EFFECTS ON SECONDARY METABOLITE PRODUCTION BY A STREPTOMYCETE
SYNTHESIZING AN ANTHELMINTIC MACROLIDE
AUTHOR: THOMAS D I; COVE J H; BAUMBERG S; JONES C A; RUDD B A M
AUTHOR ADDRESS: DEP. MICROBIOL., UNIV. LEEDS, LEEDS LS2 9JT.

JOURNAL: J GEN MICROBIOL 137 (10). 1991. 2331-2338. 1991
FULL JOURNAL NAME: Journal of General Microbiology
CODEN: JGMIA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

18/3/26 (Item 10 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

07639294 BIOSIS NO.: 000092009238
BIOSYNTHESIS OF PIGMENTS VIA THE *POLYKETIDE* PATHWAY AS A WAY TO REGULATE
THE OXIDATIVE METABOLISM OF STREPTOMYCES CULTURES PRODUCING THESE
PIGMENTS
AUTHOR: TRUTKO S M; AKIMENKO V K
AUTHOR ADDRESS: INST. BIOCHEM. PHYSIOL. MICROORG., ACAD. SCI. USSR,
PUSHCHINO, USSR.
JOURNAL: MIKROBIOLOGIYA 59 (6). 1990. 942-947. 1990
FULL JOURNAL NAME: Mikrobiologiya
CODEN: MIKBA
RECORD TYPE: Abstract
LANGUAGE: RUSSIAN

18/3/27 (Item 11 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

07497971 BIOSIS NO.: 000091071840
AMBRUTICIN S PRODUCTION IN AIR-LIFT AND STIRRED-TANK BIOREACTORS
AUTHOR: HOPF N W; YONSEL S; DECKWER W-D
AUTHOR ADDRESS: BIOCHEM. ENG. DIV., GBF-NATL. RES. INST. BIOTECHNOL.,
MASCHERODER WEG 1, 3300 BRAUNSCHWEIG, WEST GERMANY.
JOURNAL: APPL MICROBIOL BIOTECHNOL 34 (3). 1990. 350-353. 1990
FULL JOURNAL NAME: Applied Microbiology and Biotechnology
CODEN: AMBID
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

18/3/28 (Item 12 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

07011629 BIOSIS NO.: 000089103512
EFFECTS OF METALS ON STREPTOMYCES-COELICOLOR GROWTH AND ACTINORHODIN
PRODUCTION
AUTHOR: ABBAS A S; EDWARDS C
AUTHOR ADDRESS: DEP. GENET. MICROBIOL., LIFE SCI. BUILD., UNIV. LIVERPOOL,
CROWN ST., LIVERPOOL L69 3BX, UK.
JOURNAL: APPL ENVIRON MICROBIOL 56 (3). 1990. 675-680. 1990
FULL JOURNAL NAME: Applied and Environmental Microbiology
CODEN: AEMID
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

18/3/29 (Item 13 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

06774597 BIOSIS NO.: 000088084031
THE EFFECTS OF TEMPERATURE ON GROWTH AND PRODUCTION OF THE ANTIBIOTIC
GRANATICIN BY A THERMOTOLERANT STREPTOMYCETE
AUTHOR: JAMES P D A; EDWARDS C
AUTHOR ADDRESS: DEP. GENETICS AND MICROBIOL., LIFE SCI. BUILDING, UNIV.,
LIVERPOOL L69 3BX, UK.
JOURNAL: J GEN MICROBIOL 135 (7). 1989. 1997-2004. 1989
FULL JOURNAL NAME: Journal of General Microbiology
CODEN: JGMIA

RECORD TYPE: Abstract
LANGUAGE: ENGLISH

18/3/30 (Item 14 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

06277011 BIOSIS NO.: 000086111194
BIOMIMETIC SYNTHESIS OF PRETETRAMIDES 1. SYNTHESIS OF PRETETRAMIDE BY
TANDEM EXTENSION OF A *POLYKETIDE* CHAIN
AUTHOR: GILBREATH S G; HARRIS C M; HARRIS T M
AUTHOR ADDRESS: DEP. CHEM., VANDERBILT UNIV., NASHVILLE, TENN. 37235.
JOURNAL: J AM CHEM SOC 110 (18). 1988. 6172-6179. 1988
FULL JOURNAL NAME: Journal of the American Chemical Society
CODEN: JACSA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

18/3/31 (Item 15 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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04599285 BIOSIS NO.: 000079012322
THE REGULATORY EFFECT OF NITRATE ON THE RELATIONSHIP BETWEEN THE PRODUCTION
OF RIFAMYCIN SV AND THE BIOSYNTHESIS OF CELLULAR LIPID COMPONENTS
AUTHOR: GU W; LU X; GENG Y; LIU C; JIN Z; JIAO R
AUTHOR ADDRESS: SHANGHAI INSTITUTE PLANT PHYSIOL., ACADEMIA SINICA,
SHANGHAI.
JOURNAL: ACTA MICROBIOL SIN 23 (4). 1983 (RECD. 1984). 313-318. 1983
FULL JOURNAL NAME: Acta Microbiologica Sinica
CODEN: WSHPA
RECORD TYPE: Abstract
LANGUAGE: CHINESE

18/3/32 (Item 16 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

02404056 BIOSIS NO.: 000065061099
NEW METABOLITES FROM THE BROWN ALGA CYSTOPHORA-TORULOSA
AUTHOR: GREGSON R P; KAZLAUSKAS R; MURPHY P T; WELLS R J
AUTHOR ADDRESS: ROCHE RES. INST. MAR. PHARMACOL., P.O. BOX 255, DEE WHY,
N.S.W. 2099, AUST.
JOURNAL: AUST J CHEM 30 (11). 1977 2527-2532. 1977
FULL JOURNAL NAME: Australian Journal of Chemistry
CODEN: AJCHA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

18/3/33 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

09872415 99185232
The role of metabolic engineering in the production of secondary
metabolites.
Nielsen J
Center for Process, Biotechnology Department of Biotechnology, Technical
University of Denmark, DK-2800 Lyngby, Denmark. jn@ibt.dtu.dk
Current opinion in microbiology (ENGLAND) Jun 1998, 1 (3) p330-6,
ISSN 1369-5274 Journal Code: DAY
Languages: ENGLISH
Document type: JOURNAL ARTICLE; REVIEW; REVIEW, TUTORIAL

18/3/34 (Item 2 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

08965029 97143501

Engineering antibiotic producers to overcome the limitations of classical strain improvement programs.

Lal R; Khanna R; Kaur H; Khanna M; Dhingra N; Lal S; Gartemann KH; Eichenlaub R; Ghosh PK

Department of Zoology, University of Delhi, India.

Critical reviews in microbiology (UNITED STATES) 1996, 22 (4) p201-55, ISSN 1040-841X Journal Code: AFN

Languages: ENGLISH

Document type: JOURNAL ARTICLE; REVIEW; REVIEW, TUTORIAL

18/3/35 (Item 3 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

08597989 98044640

Engineered biosynthesis of novel *polyketides*: evidence for temporal, but not regiospecific, control of cyclization of an aromatic *polyketide* precursor.

Fu H; Hopwood DA; Khosla C

Department of Chemical Engineering, Stanford University, CA 94305-5025, USA.

Chemistry & biology (ENGLAND) Dec 1994, 1 (4) p205-10, ISSN 1074-5521 Journal Code: CNA

Languages: ENGLISH

Document type: JOURNAL ARTICLE

18/3/36 (Item 4 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

08548222 96016078

Analysis of a mycotoxin gene cluster in *Aspergillus nidulans*.

Keller NP; Adams TH

Department of Plant Pathology and Microbiology, Texas A&M University, College Station 77843, USA.

SAAS bulletin, biochemistry and biotechnology (UNITED STATES) 1995, 8 p14-21, ISSN 1052-6781 Journal Code: ALK

Languages: ENGLISH

Document type: JOURNAL ARTICLE; REVIEW; REVIEW, TUTORIAL

18/3/37 (Item 5 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

06281979 90047071

Antibiotics: opportunities for genetic manipulation.

Hopwood DA

John Innes Institute, Norwich, U.K.

Philosophical transactions of the Royal Society of London. Series B: Biological sciences (ENGLAND) Aug 31 1989, 324 (1224) p549-62, ISSN 0962-8436 Journal Code: P5Z

Languages: ENGLISH

Document type: JOURNAL ARTICLE; REVIEW; REVIEW LITERATURE

18/3/38 (Item 6 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

06050536 87144590

Homology between *Streptomyces* genes coding for synthesis of different *polyketides* used to clone antibiotic biosynthetic genes.

Malpartida F; Hallam SE; Kieser HM; Motamedi H; Hutchinson CR; Butler MJ; Sugden DA; Warren M; McKillop C; Bailey CR; et al

Nature (ENGLAND) Feb 26-Mar 4 1987, 325 (6107) p818-21, ISSN

0028-0836 Journal Code: NSC
Contract/Grant No.: CA35381, CA, NCI
Languages: ENGLISH
Document type: JOURNAL ARTICLE

18/3/39 (Item 1 from file: 434)
DIALOG(R)File 434:SciSearch(R) Cited Ref Sci
(c) 1998 Inst for Sci Info. All rts. reserv.

09364477 Genuine Article#: T6744 No. References: 78
Title: SYNTHESIS OF PHEROMONES, .4. CHEMISTRY OF THE WITTIG REACTION, .1.
EFFECTS OF REACTION CONDITIONS ON THE STEREOSSELECTIVITY AND *YIELD* OF
THE WITTIG REACTION
Author(s): VINCZER P; JUVANCZ Z; NOVAK L; SZANTAY C
Corporate Source: HUNGARIAN ACAD SCI,CENT RES INST CHEM,POB 17/H-1521
BUDAPEST//HUNGARY//; TECH UNIV BUDAPEST,INST ORGAN CHEM/H-1521
BUDAPEST//HUNGARY/
Journal: ACTA CHIMICA HUNGARICA, 1988, V125, N6, P797-820
Language: ENGLISH Document Type: ARTICLE

18/3/40 (Item 2 from file: 434)
DIALOG(R)File 434:SciSearch(R) Cited Ref Sci
(c) 1998 Inst for Sci Info. All rts. reserv.

08606089 Genuine Article#: M0613 No. References: 43
Title: HIGH-*YIELD* SYNTHESIS OF 20-MEMBERED, 24-MEMBERED, AND 28-MEMBERED
MACROPENTOLIDE, MACROHEXOLIDE, AND MACROHEPTOLIDE, RESPECTIVELY, FROM
(R)-3-HYDROXYBUTANOIC OR (S)-3-HYDROXYBUTANOIC ACID UNDER YAMAGUCHI
MACROLACTONIZATION CONDITIONS
Author(s): SEEBACH D; BRANDLI U; SCHNURRENBERGER P; PRZYBYLSKI M
Corporate Source: SWISS FED INST TECHNOL,ORGAN CHEM LAB,UNIV STR 16/CH-8092
ZURICH//SWITZERLAND//; UNIV MAINZ,INST ORGAN CHEM/D-6500 MAINZ//FED REP
GER/
Journal: HELVETICA CHIMICA ACTA, 1988, V71, N1, P155-167
Language: ENGLISH Document Type: ARTICLE
?ds

Set	Items	Description
S1	312143	IMPROVE(W) PRODUCTION OR YIELD
S2	23	S1 AND POLYKETIDES
S3	12	RD (unique items)
S4	66	S1 AND POLYKETIDE
S5	38	RD (unique items)
S6	23	S1 AND LOVASTATIN
S7	17	RD (unique items)
S8	22	S1 AND STERIGMATOCYSTIN
S9	19	RD (unique items)
S10	1	S1 AND AFLATOXIN?
S11	235	S1 AND AFLATOXIN?
S12	182	RD (unique items)
S13	3	S12 AND VECTOR
S14	546	S1 AND PENICILLIN
S15	16	S14 AND VECTOR
S16	10	RD (unique items)
S17	70	S1 AND POLYKETIDE?
S18	40	RD (unique items)

?logoff

20may01 11:34:57 User259980 Session D120.2
\$6.55 0.910 DialUnits File71
\$56.05 59 Type(s) in Format 3
\$1.50 1 Type(s) in Format 9
\$57.55 60 Types
\$64.10 Estimated cost File71
\$10.45 1.866 DialUnits File5
\$161.70 98 Type(s) in Format 3
\$161.70 98 Types
\$172.15 Estimated cost File5
\$3.22 1.006 DialUnits File155
\$5.60 28 Type(s) in Format 3

\$5.60 28 Types
\$8.82 Estimated cost File155
\$3.95 0.276 DialUnits File434
\$16.80 4 Type(s) in Format 3
\$16.80 4 Types
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\$1.00 TYMNET
\$266.82 Estimated cost this search
\$267.24 Estimated total session cost 4.176 DialUnits

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